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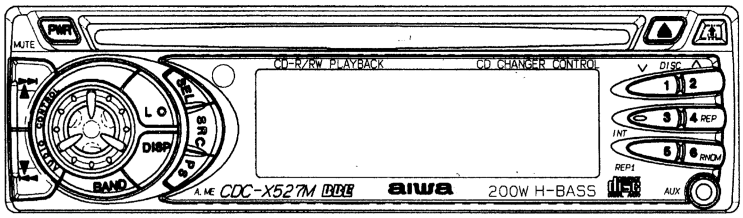
aiwa SERVICE

CDC-X527M YU(S),YH(S)



SERVICE MANUAL

STEREO CAR CD STEREO

BASIC CD MECHANISM : BZG-3 BNF

•This service Manual is the “Revision Publishing” and replaces “Simple Manual” CDC-X527M <YU(S),YH(S) > (S/M Code No.09-026-457-2T1)

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S/M Code No. 09-026-457-2R1

REVISION

DATA

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SPECIFICATIONS -1/1

RADIO SECTION

(FM)
Frequency Range: 87.5 MHz – 108 MHz
Usable Sensitivity: 12.7 dBf
50 dB Quieting Sensitivity: 17.2 dBf
IF Rejection: 100 dB
Frequency Response: 30 Hz – 15,000 Hz
S/N Ratio: 70 dB
Stereo Separation: 35 dB at 1 kHz
Alternate Channel Selectivity: 90 dB
Capture Ratio: 3 dB
(AM)
Frequency Range: 530 kHz – 1,710 kHz (YU Model)
Frequency Range: 531 kHz – 1,602 kHz (YU Model)
Usable Sensitivity: 30 µV (30 dB)

CD SECTION

Frequency Response: 17 Hz – 20 kHz +0/–3 dB
Dynamic Range: More than 85 dB
Channel Separation: More than 60 dB
S/N Ratio: More than 90 dB
Wow/Flutter: Unmeasurable

AUDIO SECTION

Max. Power Output: 50 W x 4 channels

AUX input

Input Sensitivity (load impedance) AUX: 300 mV (10 kohm)

GENERAL

Power-Supply Voltage: 14.4 V (11 to 16 V allowable),
DC, negative ground
Load Impedance: 4 ohm
Tone Control: Bass ± 10 dB at 100 Hz, Treble ± 10 dB at 10 kHz
Preamp Output Voltage (load impedance): 2.2 V (10 kohm)
Installed Size: 182 (W) x 53 (H) x 155 (D) mm
($7^1/_4$ (W) x $2^1/_8$ (H) x $6^1/_8$ (D) inches)
Supplied Accessory:Carrying case(1)

CARD REMOTE CONTROL <CDC-X527M>

Dimensions: approx. 33 (W) x 85 (H) x 7.5 (D) mm
($1^5/_{16}$ (W) x $3^3/_8$ (H) x $^5/_{16}$ (D) inches)

Weight: approx. 20g (0.7 oz.) (including battery)

• Design and specifications are subject to change without notice.

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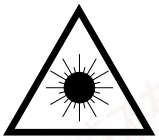
PROTECTION OF EYES FROM LASER BEAM DURING SERVICING -1/1

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynling laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!

Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyt-täjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

VARNING!

Om apparaten används på annat sätt än vad som specificeras i denna bruksanvising, kan användaren utsättas för osynling laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

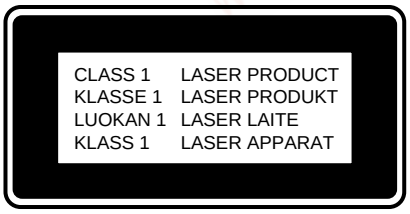
ATTENTION

L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL!

Usynlig laserstråling ved åbning, når sikkerhedsafbrydereer ude af funktion. Undgå udsættelse for stråling.

This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.



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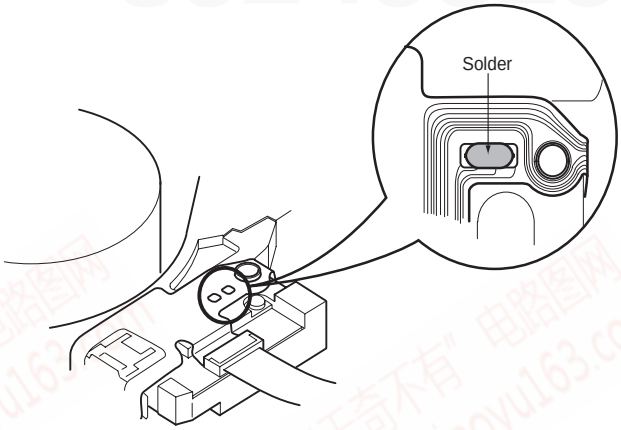
PROTECTION TO REPLACE OPTICAL BLOCK (OPTIMA720 JVC) -1/1

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

1) After the connection, remove solder shown in the right figure.



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CAUTION WHEN SERVICING -1/1

1. Procedure For Disassembly
   1) Remove COVER TOP and COVER BOTTOM.
   2) Remove the screws (indicated with arrows) from CD MECHANISM. Refer to Fig. 1

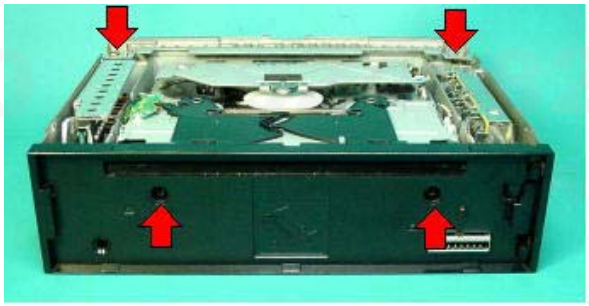

Fig-1

2. Servicing Position
   Remove CD MECHANISM and check the movement while in a stable condition. Refer to Fig-2

Fig-2

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ACCESSORIES PARTS LIST -1/1

! = ⚠SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
		O	AS1001	87-253-033-410	U+2-4 BLK	.	b
		O	AS1002	87-B10-141-010	NUT,5 TYPE-2	a	b
		O	AS1003	87-B10-143-010	UT1+5-15 W/O SLOT	a	b
		O	AS1004	87-B10-144-010	W,5.2-10-0.5	a	b
		O	AS1005	87-B10-145-010	W-SPR,5.3-8.5-1.5	a	b
		O	AS1006	88-ZG8-435-010	S-SCREW,VIT+2-4 PREC	a	.
		O	AS1007	8C-KCG-060-110	CASE,DFP C BLK	a	b
		X	AS1008	8C-KCG-631-010	CONN ASSY,16P RENEWVERSION	a	b
		O	AS1009	8Z-KC1-232-010	KEY,REMOVE -C	a	b
		O	AS1010	8Z-KC1-235-010	HLDR,REAR MTG	a	b
		O	AS1011	8Z-KC1-244-010	S-SCREW,5*6 TH+ TAPPING ST	a	b
		O	AS1012	8Z-KC1-250-010	S-SCREW,HEXAGON	a	b
		X	AS1013	8C-KCF-854-010	PAD,A	a	b
		X	AS1014	87-B50-055-010	WARR-CARD,USA CUST/CAR AUDIO	.	b
		X	AS1015	87-B50-079-010	LIST,FACILITY(B)-0007	a	.
		X	AS1016	87-B50-081-010	WARR-CARD,CHINA CAR-0009	a	.
		O	AS1017	8C-KCF-901-010	IB,YU(ESF)F X527M	.	b
		O	AS1018	8C-KCF-902-010	IB,YH(ECC)F X527M	a	.
		O	AS1019	8C-KCG-911-010	IB,INST YU/YUC/YL(ESFP)F	.	b
		O	AS1020	8C-KCG-912-010	IB,INST YH/Y (ECCA)F	a	.
		O	AS1021	8C-KCG-651-010	RC UNIT,CD1B	a	b

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ELECTRICAL PARTS LIST -1/11

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UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
AUX		O	J 0601	85-HRL-623-010	JACK,3.5 BLK ST BLK	a	b
CD		O	C 0201	87-010-553-040	CAP,E 47-16 M 5L SRE	a	b
CD		O	C 0202	87-010-553-040	CAP,E 47-16 M 5L SRE	a	b
CD		O	C 0203	87-012-274-080	C-CAP,U 1000P-50 K B	a	b
CD		O	C 0204	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0205	87-A10-353-080	C-CAP,U 0.22-10 K B	a	b
CD		O	C 0206	87-010-492-040	CAP,E 0.33-50 M 5L SRE	a	b
CD		O	C 0207	87-010-956-080	C-CAP,S 0.068-25 K B GRM	a	b
CD		O	C 0208	87-012-272-080	C-CAP,U 680P-50 K B GRM	a	b
CD		O	C 0209	87-A10-504-080	C-CAP,U 0.047-16 K B	a	b
CD		O	C 0210	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0211	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
CD		O	C 0212	87-012-276-080	C-CAP,U 1500P-50 K B	a	b
CD		O	C 0213	87-A10-504-080	C-CAP,U 0.047-16 K B	a	b
CD		O	C 0214	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0215	87-012-278-080	C-CAP,U 2200P-50 K B	a	b
CD		O	C 0216	87-A10-353-080	C-CAP,U 0.22-10 K B	a	b
CD		O	C 0217	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0218	87-010-787-080	C-CAP,U 0.022-25 K B	a	b
CD		O	C 0219	87-012-268-080	C-CAP,U 330P-50 K B GRM	a	b
CD		O	C 0220	87-012-280-080	C-CAP,U 3300P-50 K B	a	b
CD		O	C 0221	87-012-195-080	C-CAP,U 100P-50 J CH	a	b
CD		O	C 0222	87-010-492-040	CAP,E 0.33-50 M 5L SRE	a	b
CD		O	C 0223	87-010-067-040	CAP,E 0.1-50 M 5L SRE	a	b
CD		O	C 0224	87-010-553-040	CAP,E 47-16 M 5L SRE	a	b
CD		O	C 0225	87-012-280-080	C-CAP,U 3300P-50 K B	a	b
CD		O	C 0226	87-010-497-040	CAP,E 4.7-35 M 5L SRE	a	b
CD		O	C 0227	87-010-555-040	CAP,E 100-10 M 5L SRE	a	b
CD		O	C 0228	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0229	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
CD		O	C 0230	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0231	87-010-555-040	CAP,E 100-10 M 5L SRE	a	b
CD		O	C 0232	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0233	87-010-555-040	CAP,E 100-10 M 5L SRE	a	b
CD		O	C 0234	87-010-828-080	C-CAP,U 0.033-16 Z F	a	b
CD		O	C 0235	87-A10-504-080	C-CAP,U 0.047-16 K B	a	b
CD		O	C 0236	87-010-067-040	CAP,E 0.1-50 M 5L SRE	a	b
CD		O	C 0237	87-010-553-040	CAP,E 47-16 M 5L SRE	a	b
CD		O	C 0238	87-012-286-080	C-CAP,U 0.01-25 K B	a	b
CD		O	C 0240	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0250	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0251	87-010-555-040	CAP,E 100-10 M 5L SRE	a	b
CD		O	C 0252	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0253	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0254	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0256	87-012-282-080	C-CAP,U 4700P-50 K B	a	b
CD		O	C 0258	87-012-168-080	C-CAP,U 6P-50 D CH	a	b
CD		O	C 0259	87-012-184-080	C-CAP,U 33P-50 J CH	a	b
CD		O	C 0261	87-012-199-080	C-CAP,U 220P-50 J CH	a	b
CD		O	C 0262	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0263	87-010-555-040	CAP,E 100-10 M 5L SRE	a	b
CD		O	C 0264	87-010-555-040	CAP,E 100-10 M 5L SRE	a	b
CD		O	C 0265	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0266	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	C 0267	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
CD		O	C 0268	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
CD		O	C 0269	87-012-276-080	C-CAP,U 1500P-50 K B	a	b
CD		O	C 0270	87-012-276-080	C-CAP,U 1500P-50 K B	a	b
CD		O	C 0280	87-A10-189-040	CAP,E 220-10 M 5L	a	b
CD		O	C 0281	87-010-555-040	CAP,E 100-10 M 5L SRE	a	b
CD		O	C 0282	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
CD		O	CON0201	87-A61-220-080	C-CONN,20P H 52271-2090	a	b
CD		S	IC 0201	87-A20-446-010	C-IC,LA9241ML	a	b
CD		S	IC 0202	87-A21-319-010	C-IC,LC78622NE	a	b
CD		S	IC 0203	87-A22-080-040	C-IC,LA6557H	a	b
CD		X	JR 0101	88-108-000-080	C-JUMPER,U	a	b
CD		S	Q 0201	87-A30-289-040	C-TR,2SA1037AK(Q)	a	b
CD		S	Q 0202	87-A30-435-040	C-TR,DTC144EKA	a	b
CD		S	Q 0203	87-A30-435-040	C-TR,DTC144EKA	a	b
CD		S	Q 0204	87-A30-435-040	C-TR,DTC144EKA	a	b
CD		S	Q 0205	87-A30-435-040	C-TR,DTC144EKA	a	b
CD		S	Q 0206	89-324-122-040	C-TR,2SC2412KR	a	b
CD		S	Q 0207	87-A30-299-080	TR,2SB1326	a	b
CD		S	Q 0208	87-A30-287-040	C-TR,DTC114TKA	a	b
CD		X	R 0201	88-108-100-080	C-RES,U 10-1/16W J	a	b
CD		X	R 0202	88-108-103-080	C-RES,U 10K-1/16W J	a	b
CD		X	R 0203	88-108-183-080	C-RES,U 18K-1/16W J	a	b
CD		X	R 0204	88-108-153-080	C-RES,U 15K-1/16W J	a	b
CD		X	R 0205	88-108-153-080	C-RES,U 15K-1/16W J	a	b
CD		X	R 0206	88-108-183-080	C-RES,U 18K-1/16W J	a	b

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ELECTRICAL PARTS LIST -2/11

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CD		X	R 0207	88-108-153-080	C-RES,U 15K-1/16W J	a	b
CD		X	R 0208	88-108-153-080	C-RES,U 15K-1/16W J	a	b
CD		X	R 0209	88-108-392-080	C-RES,U 3.9K-1/16W J	a	b
CD		X	R 0210	88-108-392-080	C-RES,U 3.9K-1/16W J	a	b
CD		X	R 0211	88-108-102-080	C-RES,U 1K-1/16W J	a	b
CD		X	R 0212	88-108-102-080	C-RES,U 1K-1/16W J	a	b
CD		X	R 0213	88-108-682-080	C-RES,U 6.8K-1/16W J	a	b
CD		X	R 0214	88-108-682-080	C-RES,U 6.8K-1/16W J	a	b
CD		X	R 0215	88-108-103-080	C-RES,U 10K-1/16W J	a	b
CD		X	R 0216	88-108-103-080	C-RES,U 10K-1/16W J	a	b
CD		X	R 0217	88-108-104-080	C-RES,U 100K-1/16W J	a	b
CD		X	R 0218	88-108-682-080	C-RES,U 6.8K-1/16W J	a	b
CD		X	R 0219	88-108-182-080	C-RES,U 1.8K-1/16W J	a	b
CD		X	R 0220	88-108-683-080	C-RES,U 68K-1/16W J	a	b
CD		X	R 0221	88-108-123-080	C-RES,U 12K-1/16W J	a	b
CD		X	R 0222	88-108-103-080	C-RES,U 10K-1/16W J	a	b
CD		X	R 0223	88-108-154-080	C-RES,U 150K-1/16W J	a	b
CD		X	R 0224	88-108-153-080	C-RES,U 15K-1/16W J	a	b
CD		X	R 0225	88-108-392-080	C-RES,U 3.9K-1/16W J	a	b
CD		X	R 0226	88-108-153-080	C-RES,U 15K-1/16W J	a	b

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
CD		X	R 0227	88-108-331-080	C-RES,U 330-1/16W J	a	b
CD		X	R 0228	88-108-224-080	C-RES,U 220K-1/16W J	a	b
CD		X	R 0229	88-108-183-080	C-RES,U 18K-1/16W J	a	b
CD		X	R 0230	88-108-562-080	C-RES,U 5.6K-1/16W J	a	b
CD		X	R 0231	88-108-183-080	C-RES,U 18K-1/16W J	a	b
CD		X	R 0232	88-108-563-080	C-RES,U 56K-1/16W J	a	b
CD		X	R 0233	88-108-152-080	C-RES,U 1.5K-1/16W J	a	b
CD		X	R 0234	88-108-473-080	C-RES,U 47K-1/16W J	a	b
CD		X	R 0235	88-108-124-080	C-RES,U 120K-1/16W J	a	b
CD		X	R 0236	88-108-333-080	C-RES,U 33K-1/16W J	a	b
CD		X	R 0237	88-108-473-080	C-RES,U 47K-1/16W J	a	b
CD		X	R 0238	88-108-473-080	C-RES,U 47K-1/16W J	a	b
CD		X	R 0239	88-108-153-080	C-RES,U 15K-1/16W J	a	b
CD		X	R 0240	88-108-122-080	C-RES,U 1.2K-1/16W J	a	b
CD		O	R 0241	87-022-292-080	C-RES,U 330K-1/16W F	a	b
CD		O	R 0242	87-022-292-080	C-RES,U 330K-1/16W F	a	b
CD		X	R 0243	88-108-563-080	C-RES,U 56K-1/16W J	a	b
CD		X	R 0244	88-108-223-080	C-RES,U 22K-1/16W J	a	b
CD		X	R 0245	88-108-473-080	C-RES,U 47K-1/16W J	a	b
CD		X	R 0246	88-108-100-080	C-RES,U 10-1/16W J	a	b
CD		X	R 0247	88-108-109-080	C-RES,U 1-1/16W J	a	b
CD		X	R 0248	88-108-184-080	C-RES,U 180K-1/16W J	a	b
CD		X	R 0250	88-108-681-080	C-RES,U 680-1/16W J	a	b
CD		X	R 0251	88-108-333-080	C-RES,U 33K-1/16W J	a	b
CD		X	R 0252	88-108-122-080	C-RES,U 1.2K-1/16W J	a	b
CD		X	R 0253	88-108-333-080	C-RES,U 33K-1/16W J	a	b
CD		X	R 0254	88-108-000-080	C-JUMPER,U	a	b
CD		X	R 0255	88-108-471-080	C-RES,U 470-1/16W J	a	b
CD		X	R 0256	88-108-563-080	C-RES,U 56K-1/16W J	a	b
CD		X	R 0257	88-108-103-080	C-RES,U 10K-1/16W J	a	b
CD		X	R 0258	88-108-822-080	C-RES,U 8.2K-1/16W J	a	b
CD		X	R 0259	88-108-820-080	C-RES,U 82-1/16W J	a	b
CD		X	R 0260	88-108-470-080	C-RES,U 47-1/16W J	a	b
CD		X	R 0261	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
CD		X	R 0262	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
CD		X	R 0263	88-108-332-080	C-RES,U 3.3K-1/16W J	a	b
CD		X	R 0264	88-108-332-080	C-RES,U 3.3K-1/16W J	a	b
CD		X	R 0265	88-108-102-080	C-RES,U 1K-1/16W J	a	b
CD		X	R 0266	88-108-109-080	C-RES,U 1-1/16W J	a	b
CD		X	R 0267	88-108-109-080	C-RES,U 1-1/16W J	a	b
CD		X	R 0268	88-108-820-080	C-RES,U 82-1/16W J	a	b
CD		X	R 0269	88-108-223-080	C-RES,U 22K-1/16W J	a	b
CD		X	R 0270	88-108-333-080	C-RES,U 33K-1/16W J	a	b
CD		X	R 0271	88-108-393-080	C-RES,U 39K-1/16W J	a	b
CD		X	R 0272	88-108-154-080	C-RES,U 150K-1/16W J	a	b
CD		X	R 0273	88-108-000-080	C-JUMPER,U	a	b
CD		X	R 0274	88-108-103-080	C-RES,U 10K-1/16W J	a	b
CD		X	R 0275	88-108-000-080	C-JUMPER,U	a	b
CD		X	R 0276	88-108-000-080	C-JUMPER,U	a	b
CD		X	R 0277	88-108-822-080	C-RES,U 8.2K-1/16W J	a	b
CD		X	R 0278	88-108-561-080	C-RES,U 560-1/16W J	a	b
CD		X	R 0281	88-108-155-080	C-RES,U 1.5M-1/16W J	a	b
CD		X	R 0282	88-108-155-080	C-RES,U 1.5M-1/16W J	a	b
CD		X	R 0283	88-108-154-080	C-RES,U 150K-1/16W J	a	b
CD		X	R 0284	88-108-223-080	C-RES,U 22K-1/16W J	a	b
CD		X	R 0285	88-108-123-080	C-RES,U 12K-1/16W J	a	b
CD		X	R 0286	88-108-154-080	C-RES,U 150K-1/16W J	a	b
CD		X	R 0288	88-108-152-080	C-RES,U 1.5K-1/16W J	a	b
CD		X	R 0291	88-108-101-080	C-RES,U 100-1/16W J	a	b
CD		X	R 0295	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b

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ELECTRICAL PARTS LIST -3/11

! = ⚠SAFTY PARTS
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UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
CD		X	R 0296	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
CD		X	R 0297	88-108-102-080	C-RES,U 1K-1/16W J	a	b
CD		O	X 0201	87-A70-371-080	VIB,CER 16.934MHZ CSTLS16M9X54	a	b
FRONT		O	C 0601	87-A10-047-080	C-CAP,U 1-10 Z F	a	b
FRONT		O	C 0604	87-012-273-080	C-CAP,U 820P-50 K B GRM	a	b
FRONT		O	C 0605	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
FRONT		O	C 0681	87-A10-047-080	C-CAP,U 1-10 Z F	a	b
FRONT		O	C 0923	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
FRONT		O	CON0601	88-KTA-602-010	C-CONN,15P CAM-B67	a	b
FRONT		S	D 0601	87-A40-817-040	C-ZENER,STZ6.8N	a	b
FRONT		S	D 0602	87-A40-817-040	C-ZENER,STZ6.8N	a	b
FRONT		S	D 0681	87-A40-817-040	C-ZENER,STZ6.8N	a	b
FRONT		S	IC 0601	87-A21-489-030	C-IC,LC75853NW	a	b
FRONT		O	IC 0681	87-A90-951-010	RCR UNIT,SBX1971-52	a	b
FRONT		O	LCD0601	8C-KCG-616-010	LCD,CKC-F-G-H	a	b
FRONT		O	LED0641	87-A91-355-040	C-LED,BR1112H-TR-RED	a	b
FRONT		O	LED0642	87-A91-355-040	C-LED,BR1112H-TR-RED	a	b
FRONT		O	LED0643	87-A91-355-040	C-LED,BR1112H-TR-RED	a	b
FRONT		O	LED0651	87-A91-355-040	C-LED,BR1112H-TR-RED	a	b
FRONT		O	LED0652	87-A91-355-040	C-LED,BR1112H-TR-RED	a	b
FRONT		O	LED0653	87-A91-355-040	C-LED,BR1112H-TR-RED	a	b
FRONT		O	LED0661	87-A41-085-010	LED,NSPW315BS WHT	a	b
FRONT		O	LED0671	87-A41-118-040	C-LED,SEC1E01C-1 BLU	a	b
FRONT		O	LED0672	87-A41-118-040	C-LED,SEC1E01C-1 BLU	a	b
FRONT		O	LED0673	87-A41-118-040	C-LED,SEC1E01C-1 BLU	a	b
FRONT		S	Q 0651	89-324-122-040	C-TR,2SC2412KR	a	b
FRONT		S	Q 0661	89-324-122-040	C-TR,2SC2412KR	a	b
FRONT		S	Q 0671	89-324-122-040	C-TR,2SC2412KR	a	b
FRONT		X	R 0604	88-108-683-080	C-RES,U 68K-1/16W J	a	b
FRONT		O	R 0605	88-108-102-080	C-RES,U 1K-1/16W J	a	b
FRONT		O	R 0606	88-108-102-080	C-RES,U 1K-1/16W J	a	b
FRONT		O	R 0607	88-108-102-080	C-RES,U 1K-1/16W J	a	b
FRONT		O	R 0608	88-108-102-080	C-RES,U 1K-1/16W J	a	b
FRONT		O	R 0609	88-108-102-080	C-RES,U 1K-1/16W J	a	b
FRONT		O	R 0610	88-108-103-080	C-RES,U 10K-1/16W J	a	b
FRONT		X	R 0621	88-108-104-080	C-RES,U 100K-1/16W J	a	b
FRONT		X	R 0622	88-108-104-080	C-RES,U 100K-1/16W J	a	b
FRONT		X	R 0641	88-108-391-080	C-RES,U 390-1/16W J	a	b
FRONT		X	R 0651	88-108-561-080	C-RES,U 560-1/16W J	a	b
FRONT		X	R 0652	88-108-561-080	C-RES,U 560-1/16W J	a	b
FRONT		X	R 0653	88-108-561-080	C-RES,U 560-1/16W J	a	b
FRONT		X	R 0654	88-108-682-080	C-RES,U 6.8K-1/16W J	a	b
FRONT		X	R 0661	88-118-331-080	C-RES,S 330-1/10W J	a	b
FRONT		X	R 0662	88-108-682-080	C-RES,U 6.8K-1/16W J	a	b
FRONT		O	R 0663	88-108-102-080	C-RES,U 1K-1/16W J	a	b
FRONT		X	R 0671	88-108-391-080	C-RES,U 390-1/16W J	a	b
FRONT		X	R 0672	88-108-391-080	C-RES,U 390-1/16W J	a	b
FRONT		X	R 0673	88-108-391-080	C-RES,U 390-1/16W J	a	b
FRONT		X	R 0674	88-108-682-080	C-RES,U 6.8K-1/16W J	a	b
FRONT		X	R 0681	88-108-180-080	C-RES,U 18-1/16W J	a	b
FRONT		O	R 0682	88-108-102-080	C-RES,U 1K-1/16W J	a	b
FRONT		O	SW 0601	87-A90-164-080	SW,TACT SKQNAB(N)	a	b
FRONT		O	SW 0602	87-A90-164-080	SW,TACT SKQNAB(N)	a	b
FRONT		O	SW 0603	87-A90-164-080	SW,TACT SKQNAB(N)	a	b
FRONT		O	SW 0605	87-A90-164-080	SW,TACT SKQNAB(N)	a	b
FRONT		O	SW 0606	87-A90-164-080	SW,TACT SKQNAB(N)	a	b
FRONT		O	SW 0607	87-A90-164-080	SW,TACT SKQNAB(N)	a	b
FRONT		O	SW 0608	87-A90-164-080	SW,TACT SKQNAB(N)	a	b
FRONT		O	SW 0610	87-A90-164-080	SW,TACT SKQNAB(N)	a	b
FRONT		O	SW 0611	87-A90-164-080	SW,TACT SKQNAB(N)	a	b
FRONT		O	SW 0612	87-A91-987-080	SW,TACT SKQCAB	a	b
FRONT		O	SW 0613	87-A91-987-080	SW,TACT SKQCAB	a	b
FRONT		O	SW 0614	87-A91-987-080	SW,TACT SKQCAB	a	b
FRONT		O	SW 0615	87-036-339-080	C-SW,TACT SKQM	a	b
FRONT		O	SW 0616	87-A91-987-080	SW,TACT SKQCAB	a	b
FRONT		O	SW 0617	87-036-339-080	C-SW,TACT SKQM	a	b
FRONT		O	SW 0618	87-A91-987-080	SW,TACT SKQCAB	a	b
FRONT		O	SW 0621	87-A92-329-010	SW,RTRY SRP-1211VD	a	b
MAIN		O	C 0101	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
MAIN		O	C 0102	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
MAIN		O	C 0103	87-010-402-040	CAP,E 2.2-50 M 11L SME	a	b
MAIN		O	C 0106	87-012-282-080	C-CAP,U 4700P-50 K B GRM	a	b
MAIN		O	C 0107	87-010-379-040	CAP,E 22-16 M 11L SME	a	b
MAIN		O	C 0108	87-012-196-080	C-CAP,U 120P-50 J CH GRM	a	b
MAIN		O	C 0109	87-010-380-040	CAP,E 47-16 M 11L SME	a	b
MAIN		O	C 0110	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a	b
MAIN		O	C 0112	87-012-281-080	C-CAP,U 3900P-50 K B GRM	a	b
MAIN		O	C 0113	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
MAIN		O	C 0114	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C 0115	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b

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ELECTRICAL PARTS LIST -4/11

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UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
MAIN		O	C 0116	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C 0131	87-A11-228-080	C-CAP,U 0.027-25 K B	a	b
MAIN		O	C 0132	87-A11-228-080	C-CAP,U 0.027-25 K B	a	b
MAIN		O	C 0133	87-A10-707-080	C-CAP,U 0.47-10 Z F	a	b
MAIN		O	C 0134	87-A10-707-080	C-CAP,U 0.47-10 Z F	a	b
MAIN		O	C 0140	87-012-282-080	C-CAP,U 4700P-50 K B GRM	a	b
MAIN		O	C 0176	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
MAIN		O	C 0401	87-A11-062-080	C-CAP,S 2.2-16 Z F	a	b
MAIN		O	C 0402	87-A11-062-080	C-CAP,S 2.2-16 Z F	a	b
MAIN		O	C 0403	87-012-276-080	C-CAP,U 1500P-50 K B GRM	a	b
MAIN		O	C 0404	87-012-276-080	C-CAP,U 1500P-50 K B GRM	a	b
MAIN		O	C 0405	87-A11-062-080	C-CAP,S 2.2-16 Z F	a	b
MAIN		O	C 0406	87-A11-062-080	C-CAP,S 2.2-16 Z F	a	b
MAIN		O	C 0407	87-010-220-080	C-CAP,S 0.018-25 K B GRM	a	b
MAIN		O	C 0408	87-010-220-080	C-CAP,S 0.018-25 K B GRM	a	b
MAIN		O	C 0409	87-A10-047-080	C-CAP,U 1-10 Z F	a	b
MAIN		O	C 0410	87-A10-047-080	C-CAP,U 1-10 Z F	a	b
MAIN		O	C 0411	87-A10-781-080	C-CAP,U 0.15-10 K B	a	b
MAIN		O	C 0412	87-A10-781-080	C-CAP,U 0.15-10 K B	a	b
MAIN		O	C 0413	87-A10-781-080	C-CAP,U 0.15-10 K B	a	b
MAIN		O	C 0414	87-A10-781-080	C-CAP,U 0.15-10 K B	a	b
MAIN		O	C 0415	87-A10-047-080	C-CAP,U 1-10 Z F	a	b
MAIN		O	C 0416	87-A10-047-080	C-CAP,U 1-10 Z F	a	b
MAIN		O	C 0417	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
MAIN		O	C 0418	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
MAIN		O	C 0419	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
MAIN		O	C 0420	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
MAIN		O	C 0422	87-010-555-080	CAP,E 100-10 M 5L MA	a	b
MAIN		O	C 0424	87-010-552-040	CAP,E 22-16 M 5L SRE	a	b
MAIN		O	C 0425	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
MAIN		O	C 0426	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
MAIN		O	C 0427	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
MAIN		O	C 0428	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
MAIN		O	C 0429	87-012-270-080	C-CAP,U 470P-50 K B GRM	a	b
MAIN		O	C 0430	87-012-270-080	C-CAP,U 470P-50 K B GRM	a	b
MAIN		O	C 0431	87-012-270-080	C-CAP,U 470P-50 K B GRM	a	b
MAIN		O	C 0432	87-012-270-080	C-CAP,U 470P-50 K B GRM	a	b
MAIN		O	C 0433	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
MAIN		O	C 0434	87-010-497-040	CAP,E 4.7-35 M 5L SRE	a	b
MAIN		O	C 0435	87-010-555-080	CAP,E 100-10 M 5L MA	a	b
MAIN		O	C 0438	87-012-280-080	C-CAP,U 3300P-50 K B GRM	a	b
MAIN		O	C 0439	87-012-280-080	C-CAP,U 3300P-50 K B GRM	a	b
MAIN		O	C 0440	87-A11-070-080	C-CAP,U 0.033-16 K B	a	b
MAIN		O	C 0441	87-010-380-040	CAP,E 47-16 M 11L SME	a	b
MAIN		O	C 0442	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a	b
MAIN		O	C 0443	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a	b
MAIN		O	C 0444	87-A11-070-080	C-CAP,U 0.033-16 K B	a	b
MAIN		O	C 0449	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C 0451	87-A10-707-080	C-CAP,U 0.47-10 Z F	a	b
MAIN		O	C 0452	87-A10-707-080	C-CAP,U 0.47-10 Z F	a	b
MAIN		O	C 0453	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C 0454	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C 0501	87-012-199-080	C-CAP,U 220P-50 J CH GRM	a	b
MAIN		O	C 0502	87-012-199-080	C-CAP,U 220P-50 J CH GRM	a	b
MAIN		O	C 0503	87-012-199-080	C-CAP,U 220P-50 J CH GRM	a	b
MAIN		O	C 0504	87-012-199-080	C-CAP,U 220P-50 J CH GRM	a	b
MAIN		O	C 0505	87-010-805-080	C-CAP,S 1-16 Z F GRM	a	b
MAIN		O	C 0506	87-010-805-080	C-CAP,S 1-16 Z F GRM	a	b
MAIN		O	C 0507	87-010-805-080	C-CAP,S 1-16 Z F GRM	a	b
MAIN		O	C 0508	87-010-805-080	C-CAP,S 1-16 Z F GRM	a	b
MAIN		O	C 0509	87-010-380-040	CAP,E 47-16 M 11L SME	a	b
MAIN		O	C 0510	87-010-805-080	C-CAP,S 1-16 Z F GRM	a	b
MAIN		O	C 0511	8A-KC7-623-000	CAP,E 2200-16 125 BT	a	b
MAIN		O	C 0512	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C 0513	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C 0514	87-A12-317-080	C-CAP,U 0.1-50 Z F	a	b
MAIN		O	C 0515	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
MAIN		O	C 0516	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
MAIN		O	C 0701	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
MAIN		O	C 0711	87-A10-047-080	C-CAP,U 1-10 Z F	a	b
MAIN		O	C 0712	87-A10-047-080	C-CAP,U 1-10 Z F	a	b
MAIN		O	C 0731	87-A10-707-080	C-CAP,U 0.47-10 Z F	a	b
MAIN		O	C 0732	87-A10-707-080	C-CAP,U 0.47-10 Z F	a	b
MAIN		O	C 0735	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a	b
MAIN		O	C 0736	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a	b
MAIN		O	C 0751	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a	b
MAIN		O	C 0761	87-A10-707-080	C-CAP,U 0.47-10 Z F	a	b
MAIN		O	C 0762	87-A10-707-080	C-CAP,U 0.47-10 Z F	a	b
MAIN		O	C 0801	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a	b
MAIN		O	C 0804	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a	b

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ELECTRICAL PARTS LIST -5/11

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MAIN		O	C 0811	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a	b
MAIN		O	C 0812	87-010-498-040	CAP,E 10-16 M 5L SRE	a	b
MAIN		O	C 0813	87-010-555-040	CAP,E 100-10 M 5L SRE	a	b
MAIN		O	C 0814	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a	b
MAIN		O	C 0821	87-010-787-080	C-CAP,U 0.022-25 K B GRM	a	b
MAIN		O	C 0822	87-010-380-040	CAP,E 47-16 M 11L SME	a	b
MAIN		O	C 0831	87-010-380-040	CAP,E 47-16 M 11L SME	a	b
MAIN		O	C 0833	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C 0901	87-012-182-080	C-CAP,U 27P-50 J CH GRM	a	b
MAIN		O	C 0902	87-012-179-080	C-CAP,U 20P-50 J CH GRM	a	b
MAIN		O	C 0903	87-010-555-080	CAP,E 100-10 M 5L MA	a	b
MAIN		O	C 0904	87-016-039-090	CAP,DL 0.022F-5.5 Z 70 FM	a	b
MAIN		O	C 0906	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C 0907	87-010-404-040	CAP,E 4.7-50 M 11L SME	a	b
MAIN		O	C 0911	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
MAIN		O	C 0912	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
MAIN		O	C 0913	87-012-199-080	C-CAP,U 220P-50 J CH GRM	a	b
MAIN		O	C 0941	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C 0942	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	CON0701	87-A61-219-010	CONN,20P H 52089-2020	a	b
MAIN		O	CON0702	88-KTA-603-010	CONN,15P CAM-B68	a	b
MAIN		O	CON0801	8Z-KT1-624-010	CONN,16P SOC017	a	b
MAIN		S	D 0101	87-A40-250-040	C-DIODE,DAN217	a	b
MAIN		S	D 0440	87-020-331-040	C-DIODE,DAN202K	a	b
MAIN		S	D 0451	87-A40-250-040	C-DIODE,DAN217	a	b
MAIN		S	D 0501	87-001-783-080	DIODE,1N4002	a	b
MAIN		S	D 0502	87-001-783-080	DIODE,1N4002	a	b
MAIN		S	D 0503	87-001-783-080	DIODE,1N4002	a	b
MAIN		S	D 0504	87-001-783-080	DIODE,1N4002	a	b
MAIN		S	D 0505	87-001-783-080	DIODE,1N4002	a	b
MAIN		S	D 0506	87-001-783-080	DIODE,1N4002	a	b
MAIN		S	D 0507	87-001-783-080	DIODE,1N4002	a	b
MAIN		S	D 0508	87-001-783-080	DIODE,1N4002	a	b
MAIN		S	D 0591	87-A40-337-080	ZENER,MTZJ6.8B	a	b
MAIN		S	D 0701	87-017-932-080	ZENER,MTZJ6.2B	a	b
MAIN		S	D 0702	87-017-932-080	ZENER,MTZJ6.2B	a	b
MAIN		S	D 0703	87-017-932-080	ZENER,MTZJ6.2B	a	b
MAIN		S	D 0704	87-017-932-080	ZENER,MTZJ6.2B	a	b
MAIN		S	D 0705	87-017-932-080	ZENER,MTZJ6.2B	a	b
MAIN		S	D 0706	87-017-932-080	ZENER,MTZJ6.2B	a	b
MAIN		S	D 0707	87-017-932-080	ZENER,MTZJ6.2B	a	b
MAIN		S	D 0708	87-017-932-080	ZENER,MTZJ6.2B	a	b
MAIN		S	D 0751	87-A40-817-040	C-ZENER,STZ6.8N	a	b
MAIN		S	D 0752	87-A40-817-040	C-ZENER,STZ6.8N	a	b
MAIN		S	D 0753	87-A40-817-040	C-ZENER,STZ6.8N	a	b
MAIN		S	D 0811	87-001-783-080	DIODE,1N4002	a	b
MAIN		S	D 0812	87-001-783-080	DIODE,1N4002	a	b
MAIN		S	D 0813	87-017-932-080	ZENER,MTZJ6.2B	a	b
MAIN		S	D 0821	87-070-334-080	ZENER,MTZJ10B	a	b
MAIN		S	D 0831	87-070-335-080	ZENER,MTZJ8.2B	a	b
MAIN		S	D 0881	87-A40-798-010	DIODE,1N5402 (3A/200V)	a	b
MAIN		S	D 0883	87-020-465-080	DIODE,1SS133	a	b
MAIN		S	D 0901	87-020-331-040	C-DIODE,DAN202K	a	b
MAIN		S	D 0902	87-020-331-040	C-DIODE,DAN202K	a	b
MAIN		S	D 0903	87-020-331-040	C-DIODE,DAN202K	a	b
MAIN		S	D 0904	87-070-136-080	ZENER,MTZJ5.1B	a	b
MAIN		S	D 0905	87-017-366-040	C-DIODE,DAN202U	a	b
MAIN		S	D 0906	87-020-331-040	C-DIODE,DAN202K	a	b
MAIN		S	D 0907	87-020-331-040	C-DIODE,DAN202K	a	b
MAIN		S	D 0912	87-020-465-080	DIODE,1SS133	a	b
MAIN		S	D 0914	87-020-465-080	DIODE,1SS133	a	b
MAIN		S	D 0915	87-020-465-080	DIODE,1SS133	a	b
MAIN		S	D 0916	87-020-465-080	DIODE,1SS133	a	b
MAIN		S	D 0941	87-070-136-080	ZENER,MTZJ5.1B	a	b
MAIN	!	S	F 0881	8B-KC1-621-010	FUSE,15A 32V	a	b
MAIN		S	IC 0401	87-A22-225-030	C-IC,LA2657M	a	b
MAIN		S	IC 0402	87-017-917-040	C-IC,BU4066BCF	a	b
MAIN		S	IC 0501	8B-KCF-616-010	IC,TA8273H	a	b
MAIN		S	IC 0901	8C-KCF-611-030	C-IC,LC72366-9A69	a	b
MAIN		S	IC 0941	88-KT1-606-080	IC,PST994D	a	b
MAIN		O	J 0101	8Z-KT1-614-010	ANT,AW-002	a	b
MAIN		O	J 0401	87-A61-224-110	JACK,PIN 4P XR-401	a	b
MAIN		O	J 0751	8A-KC7-620-010	JACK,DIN 13P SKDS1302	a	b
MAIN		X	JR 0101	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0102	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0103	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0104	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0105	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0106	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0108	88-118-000-080	C-JUMPER,S	a	b

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ELECTRICAL PARTS LIST -6/11

! = ⚠SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
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UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
MAIN		X	JR 0109	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0110	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0111	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0113	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0116	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0117	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0118	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0119	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0120	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0122	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0123	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0125	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0127	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0128	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0129	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0130	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0131	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0132	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0133	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0134	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0135	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0136	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0137	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0138	88-118-000-080	C-JUMPER,S	a	b
MAIN		X	JR 0501	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0502	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0503	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0504	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0505	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0506	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0507	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0508	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0509	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0510	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0511	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0513	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0514	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0515	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0516	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0517	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0518	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0519	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0520	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0521	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0523	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0524	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0525	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0526	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0530	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0531	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0532	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0533	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0534	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0535	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0536	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0537	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0538	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0539	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0540	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0541	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0542	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		X	JR 0543	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		O	L 0101	87-003-143-080	COIL,4.7UH K LAL02	a	b
MAIN		O	L 0102	8Z-KT1-619-010	COIL,68MH K7-D	a	b
MAIN		O	L 0401	87-003-143-080	COIL,4.7UH K LAL02	a	b
MAIN		O	L 0731	87-005-906-080	C-COIL,S 10UH K LK2125	a	b
MAIN		O	L 0801	8B-KCF-615-010	FLTR,AMORPHOUS -CHOKE	a	b
MAIN		O	L 0901	87-003-149-080	COIL,47UH J LAL02	a	b
MAIN		S	Q 0101	89-324-122-040	C-TR,2SC2412KR	a	b
MAIN		S	Q 0102	89-324-122-040	C-TR,2SC2412KR	a	b
MAIN		S	Q 0105	87-A30-289-040	C-TR,2SA1037AK(Q)	a	b
MAIN		S	Q 0106	89-324-122-040	C-TR,2SC2412KR	a	b
MAIN		S	Q 0107	87-A30-288-040	C-TR,DTC114YKA	a	b
MAIN		S	Q 0109	87-A30-287-040	C-TR,DTC114TKA	a	b
MAIN		S	Q 0401	87-A30-287-040	C-TR,DTC114TKA	a	b
MAIN		S	Q 0402	87-A30-287-040	C-TR,DTC114TKA	a	b
MAIN		S	Q 0403	87-A30-287-040	C-TR,DTC114TKA	a	b
MAIN		S	Q 0404	87-A30-287-040	C-TR,DTC114TKA	a	b
MAIN		S	Q 0409	87-A30-405-040	C-TR,DTC114TUA	a	b
MAIN		S	Q 0410	87-A30-405-040	C-TR,DTC114TUA	a	b

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ELECTRICAL PARTS LIST -7/11

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UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
MAIN		S	Q 0441	87-A30-287-040	C-TR,DTC114TKA	a	b
MAIN		S	Q 0442	87-A30-282-040	C-TR,DTA114TKA	a	b
MAIN		S	Q 0451	89-324-122-040	C-TR,2SC2412KR	a	b
MAIN		S	Q 0591	87-A30-282-040	C-TR,DTA114TKA	a	b
MAIN		S	Q 0592	87-A30-282-040	C-TR,DTA114TKA	a	b
MAIN		S	Q 0751	87-A30-142-040	C-TR,DTA123EKA	a	b
MAIN		S	Q 0752	87-A30-427-040	C-TR,DTC114EKA	a	b
MAIN		S	Q 0801	89-213-750-010	TR,2SB1375	a	b
MAIN		S	Q 0802	87-A30-287-040	C-TR,DTC114TKA	a	b
MAIN		S	Q 0811	87-A30-301-080	TR,2SD1862	a	b
MAIN		S	Q 0821	89-420-120-010	TR,2SD2012	a	b
MAIN		S	Q 0831	89-420-120-010	TR,2SD2012	a	b
MAIN		S	Q 0832	87-A30-289-040	C-TR,2SA1037AK(Q)	a	b
MAIN		S	Q 0833	87-A30-427-040	C-TR,DTC114EKA	a	b
MAIN		X	R 0101	88-108-105-080	C-RES,U 1M-1/16W J	a	b
MAIN		X	R 0102	88-108-821-080	C-RES,U 820-1/16W J	a	b
MAIN		O	R 0103	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0104	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0105	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O	R 0106	88-108-223-080	C-RES,U 22K-1/16W J	a	b

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
MAIN		O	R 0110	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		X	R 0111	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		X	R 0112	88-108-330-080	C-RES,U 33-1/16W J	a	b
MAIN		X	R 0113	88-108-221-080	C-RES,U 220-1/16W J	a	b
MAIN		X	R 0114	88-108-000-080	C-JUMPER,U	a	b
MAIN		X	R 0115	88-118-100-080	C-RES,S 10-1/10W J	a	b
MAIN		O	R 0116	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		X	R 0117	88-108-334-080	C-RES,U 330K-1/16W J	a	b
MAIN		X	R 0118	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		O	R 0119	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X	R 0120	88-108-122-080	C-RES,U 1.2K-1/16W J	a	b
MAIN		O	R 0121	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X	R 0131	88-121-393-080	RES,39K-1/8W J	a	b
MAIN		X	R 0132	88-121-393-080	RES,39K-1/8W J	a	b
MAIN		X	R 0133	88-108-000-080	C-JUMPER,U	a	b
MAIN		O	R 0140	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0401	88-108-153-080	C-RES,U 15K-1/16W J	a	b
MAIN		O	R 0402	88-108-153-080	C-RES,U 15K-1/16W J	a	b
MAIN		X	R 0403	88-108-392-080	C-RES,U 3.9K-1/16W J	a	b
MAIN		X	R 0404	88-108-392-080	C-RES,U 3.9K-1/16W J	a	b

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
MAIN		O	R 0405	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0406	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0407	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0408	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X	R 0410	88-108-682-080	C-RES,U 6.8K-1/16W J	a	b
MAIN		X	R 0411	88-108-682-080	C-RES,U 6.8K-1/16W J	a	b
MAIN		O	R 0415	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0416	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0417	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0418	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X	R 0419	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0420	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0421	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0422	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0423	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		O	R 0424	88-108-272-080	C-RES,U 2.7K-1/16W J	a	b
MAIN		X	R 0425	88-108-333-080	C-RES,U 33K-1/16W J	a	b
MAIN		X	R 0426	88-108-333-080	C-RES,U 33K-1/16W J	a	b
MAIN		O	R 0427	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		O	R 0428	88-108-473-080	C-RES,U 47K-1/16W J	a	b

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
MAIN		X	R 0429	88-121-470-080	RES,47-1/8W J	a	b
MAIN		X	R 0430	88-108-683-080	C-RES,U 68K-1/16W J	a	b
MAIN		X	R 0431	88-108-683-080	C-RES,U 68K-1/16W J	a	b
MAIN		X	R 0432	88-108-683-080	C-RES,U 68K-1/16W J	a	b
MAIN		X	R 0433	88-108-683-080	C-RES,U 68K-1/16W J	a	b
MAIN		X	R 0434	88-108-393-080	C-RES,U 39K-1/16W J	a	b
MAIN		O	R 0435	88-108-563-080	C-RES,U 56K-1/16W J	a	b
MAIN		O	R 0436	88-108-563-080	C-RES,U 56K-1/16W J	a	b
MAIN		X	R 0437	88-108-393-080	C-RES,U 39K-1/16W J	a	b
MAIN		X	R 0438	88-108-274-080	C-RES,U 270K-1/16W J	a	b
MAIN		O	R 0439	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		X	R 0441	88-121-222-080	RES,2.2K-1/8W J	a	b
MAIN		O	R 0442	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		X	R 0451	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0452	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0453	88-108-105-080	C-RES,U 1M-1/16W J	a	b
MAIN		O	R 0454	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O	R 0456	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X	R 0457	88-108-333-080	C-RES,U 33K-1/16W J	a	b
MAIN		O	R 0458	88-108-224-080	C-RES,U 220K-1/16W J	a	b

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ELECTRICAL PARTS LIST -8/11

! = ⚠SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
MAIN		O	R 0501	88-108-123-080	C-RES,U 12K-1/16W J	a	b
MAIN		O	R 0502	88-108-123-080	C-RES,U 12K-1/16W J	a	b
MAIN		O	R 0503	88-108-123-080	C-RES,U 12K-1/16W J	a	b
MAIN		O	R 0504	88-108-123-080	C-RES,U 12K-1/16W J	a	b
MAIN		X	R 0505	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X	R 0506	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X	R 0507	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X	R 0508	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X	R 0509	88-121-103-080	RES,10K-1/8W J	a	b
MAIN		O	R 0592	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		O	R 0701	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0702	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0703	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0704	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0705	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0706	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0707	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0708	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X	R 0709	88-121-100-080	RES,10-1/8W J	a	b
MAIN		X	R 0731	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		X	R 0732	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		O	R 0733	88-108-562-080	C-RES,U 5.6K-1/16W J	a	b
MAIN		O	R 0734	88-108-562-080	C-RES,U 5.6K-1/16W J	a	b
MAIN		X	R 0751	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		O	R 0752	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0753	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0754	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0755	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0756	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O	R 0757	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X	R 0761	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		X	R 0762	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		X	R 0763	88-108-392-080	C-RES,U 3.9K-1/16W J	a	b
MAIN		X	R 0764	88-108-392-080	C-RES,U 3.9K-1/16W J	a	b
MAIN		O	R 0801	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O	R 0802	88-148-102-080	C-RES, 1K-1/2W J	a	b
MAIN		X	R 0803	88-148-229-080	C-RES, 2.2-1/2W J	a	b
MAIN		X	R 0811	88-118-101-080	C-RES,S 100-1/10W J	a	b
MAIN		X	R 0812	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		X	R 0813	88-118-101-080	C-RES,S 100-1/10W J	a	b
MAIN		X	R 0821	88-118-391-080	C-RES,S 390-1/10W J	a	b
MAIN		X	R 0822	88-118-391-080	C-RES,S 390-1/10W J	a	b
MAIN		X	R 0831	88-148-151-080	C-RES, 150-1/2W J	a	b
MAIN		O	R 0833	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		X	R 0834	88-118-102-080	C-RES,S 1K-1/10W J	a	b
MAIN		O	R 0902	88-108-823-080	C-RES,U 82K-1/16W J	a	b
MAIN		O	R 0903	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		X	R 0904	88-108-474-080	C-RES,U 470K-1/16W J	a	b
MAIN		X	R 0905	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0906	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		O	R 0908	88-108-224-080	C-RES,U 220K-1/16W J	a	b
MAIN		X	R 0909	88-121-104-080	RES,100K-1/8W J	a	b
MAIN		X	R 0910	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		O	R 0911	88-108-223-080	C-RES,U 22K-1/16W J	a	b
MAIN		X	R 0912	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		O	R 0913	88-108-223-080	C-RES,U 22K-1/16W J	a	b
MAIN		X	R 0914	88-121-104-080	RES,100K-1/8W J	a	b
MAIN		X	R 0915	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0916	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0918	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		O	R 0921	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X	R 0922	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0923	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0924	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0925	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X	R 0926	88-121-102-080	RES,1K-1/8W J	a	b
MAIN		O	R 0927	88-108-332-080	C-RES,U 3.3K-1/16W J	a	b
MAIN		X	R 0928	88-121-332-080	RES,3.3K-1/8W J	a	b
MAIN		O	R 0929	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X	R 0933	88-121-102-080	RES,1K-1/8W J	a	b
MAIN		X	R 0934	88-121-102-080	RES,1K-1/8W J	a	b
MAIN		X	R 0935	88-121-102-080	RES,1K-1/8W J	a	b
MAIN		X	R 0936	88-121-102-080	RES,1K-1/8W J	a	b
MAIN		X	R 0941	88-108-392-080	C-RES,U 3.9K-1/16W J	a	b
MAIN		O	R 0942	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		X	R 0943	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		X	R 0952	88-108-000-080	C-JUMPER,U	a	b
MAIN		O	SW 0901	87-A91-070-010	SW,TACT SKHHLV	a	b
MAIN		O	TU 0101	8C-KCG-621-010	TU UNIT, FAE347-A30	a	b
MAIN		X	W 0001	8Z-KC1-614-010	WIRE,ANT	a	b

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ELECTRICAL PARTS LIST -9/11

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Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL	
						CDC-X527M YHSF	CDC-X527M YUSF
MAIN		O	X	0901	87-A70-362-080 VIB,XTAL 4.5MHZ HC-49/U-S	a	b

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ELECTRICAL PARTS LIST -10/11 (BZG-3 BNF) -1/1

! = ⚠SAFTY PARTS
C = Components marked
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However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
						BZG-3 BNF
FLEX		O		8B-ZG3-607-010	PWB,FLEX PIC 2	a
SW		O	S 0001	87-A92-279-080	C-SW,PUSH 2-1 ESE22MH22XQ	a
SW		O	S 0002	87-A92-279-080	C-SW,PUSH 2-1 ESE22MH22XQ	a

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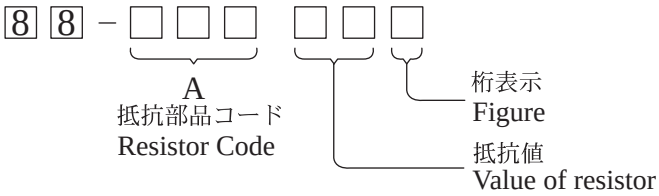
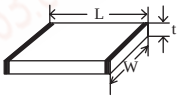
○チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding



チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm) 外形／Form	L	W	t	抵抗コード Resistor Code ：A
1/16W	1005	± 5%	CJ		1.0	0.5	0.35	104
1/16W	1608	± 5%	CJ		1.6	0.8	0.45	108
1/10W	2125	± 5%	CJ		2	1.25	0.45	118
1/8W	3216	± 5%	CJ		3.2	1.6	0.55	128

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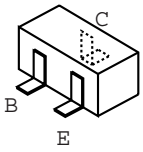
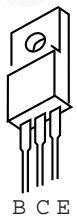
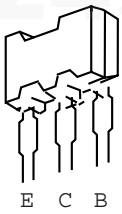
TRANSISTOR ILLUSTRATION-1/1



2SA1037AK(Q)
2SC2412KR
DTA114TKA
DTC114YKA
DTC114EKA
DTA123EKA



2SD2012
2SB1375



2SD1862

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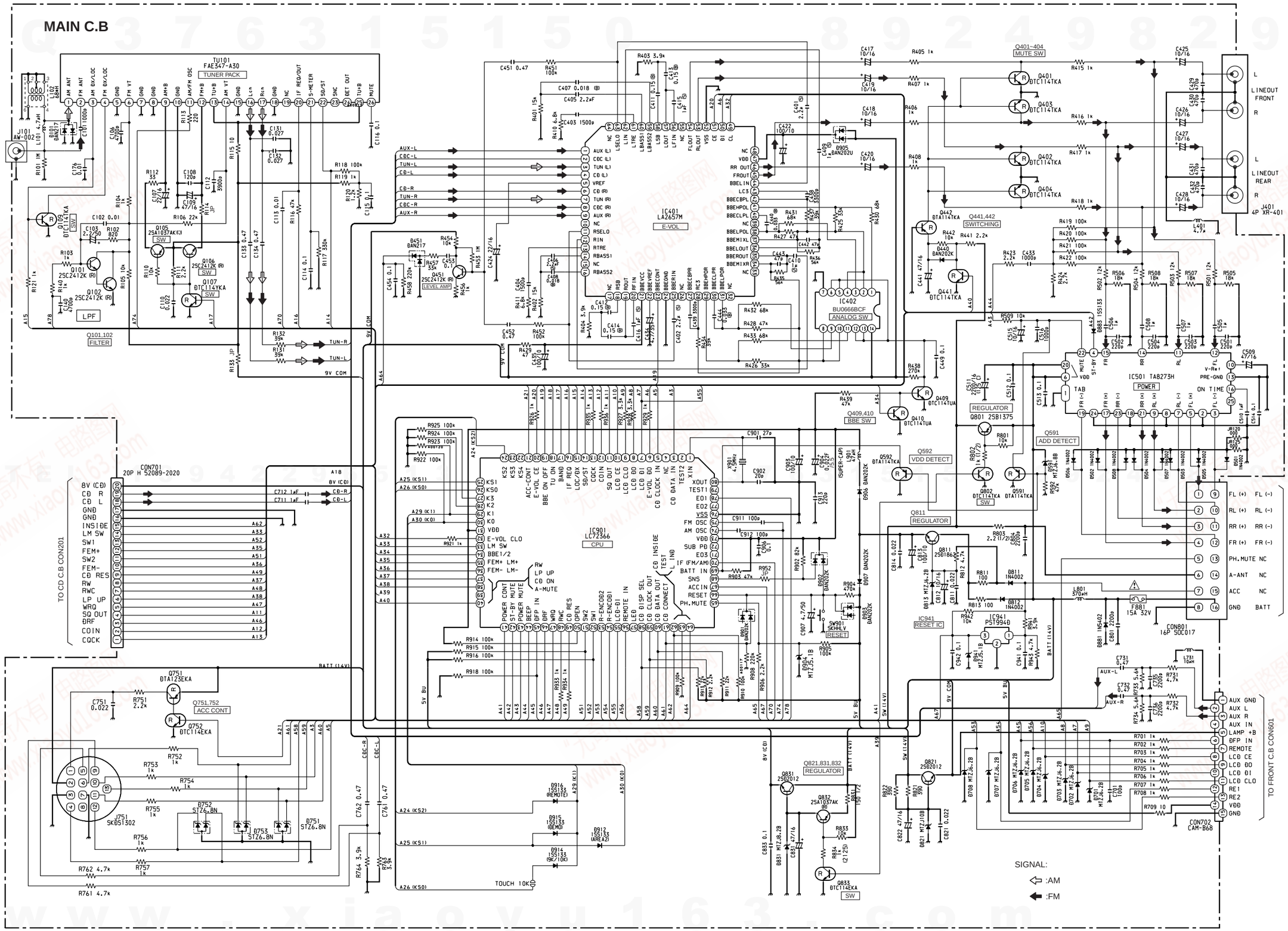
SCHEMATIC DIAGRAM -1/3 (MAIN)



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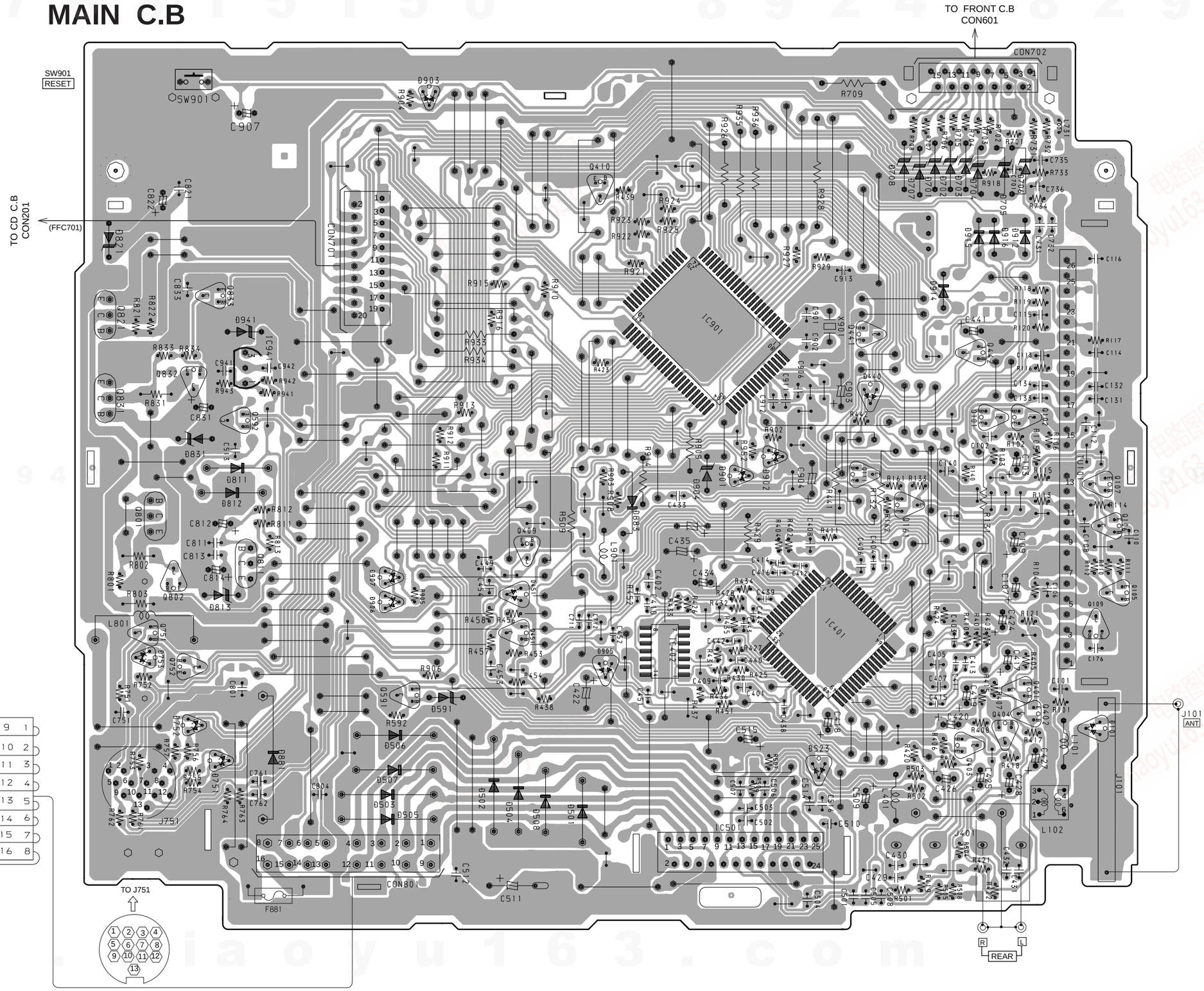
WIRING -1/4 (MAIN)

32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

A B C D E F G H I J K L M N O P Q R S T U

MAIN C.B


TO FRONT C.B
CON601
CON702
SW901
RESET
SW901
C907
D903
R904
R709
TO CD C.B
CON201
(FFC701)
CON701
Q410
R439
R924
R923
R925
R922
R921
R915
R916
R970
R933
R934
IC901
R423
R926
R935
R936
R928
R927
R929
C913
C901
X901
C902
C906
C903
R442
D440
C441
D441
R902
R909
D901
D902
D904
C904
R441
R429
R407
R408
R705
R703
R704
R702
R701
D708
D707
D706
D705
D704
D703
D702
D701
R918
C735
R733
C736
R734
C732
C731
D915
D916
D917
D914
C116
R118
R119
C115
R120
C441
C113
R116
C134
C135
C132
C131
R117
C114
C112
C111
R102
R103
C102
C103
R106
R105
R104
C140
R140
R141
R161
R133
R152
C109
C110
R111
R112
R110
C108
C176
Q107
Q105
Q109
C101
R101
Q401
Q402
C404
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R418
C425
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R416
Q403
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C419
C407
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C415
C413
C424
R405
R406
R410
R411
R412
R121
C421
C422
D821
C833
Q833
Q821
R821
R822
R833
R834
Q832
R832
R831
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C941
C942
R942
R941
R945
IC941
Q592
C513
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D811
D812
C812
C811
C813
C814
R812
R811
R813
Q811
R802
R803
Q802
Q801
R801
L801
R752
R751
C751
C801
R753
R754
R755
R756
D751
C761
C762
R763
R764
R762
J751
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C804
R906
Q591
D591
R592
D506
D507
D503
D505
D502
D504
D508
D501
C509
C510
C511
C512
F881
CON801
IC501
C502
C503
C507
C506
C514
C515
R507
R508
R510
R509
D523
C517
C435
C433
L901
R914
R913
R912
R911
R910
R908
R907
R906
R905
R904
C454
C453
C452
C451
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C494

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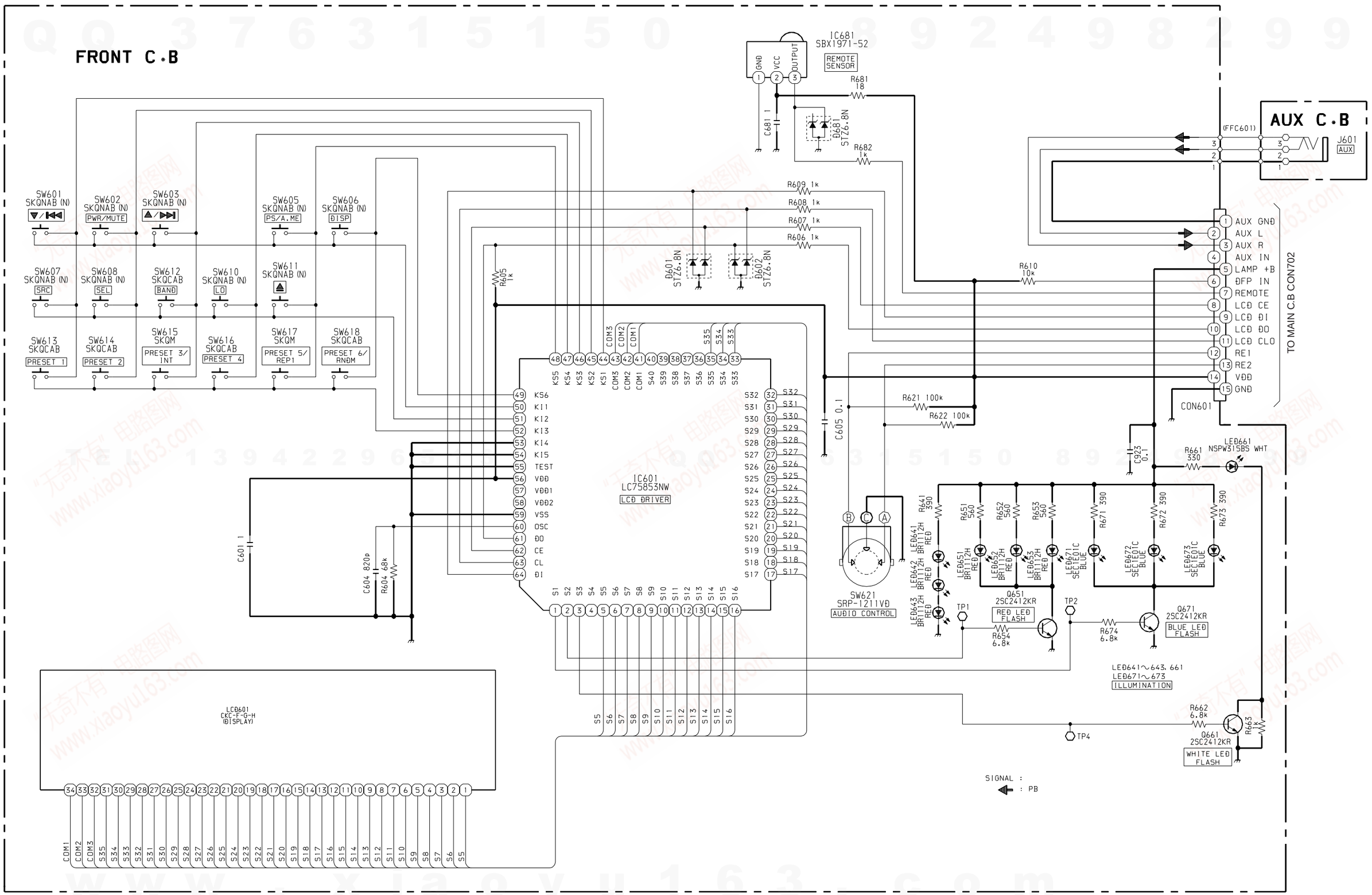
SCHEMATIC DIAGRAM -2/3 (FRONT/AUX)



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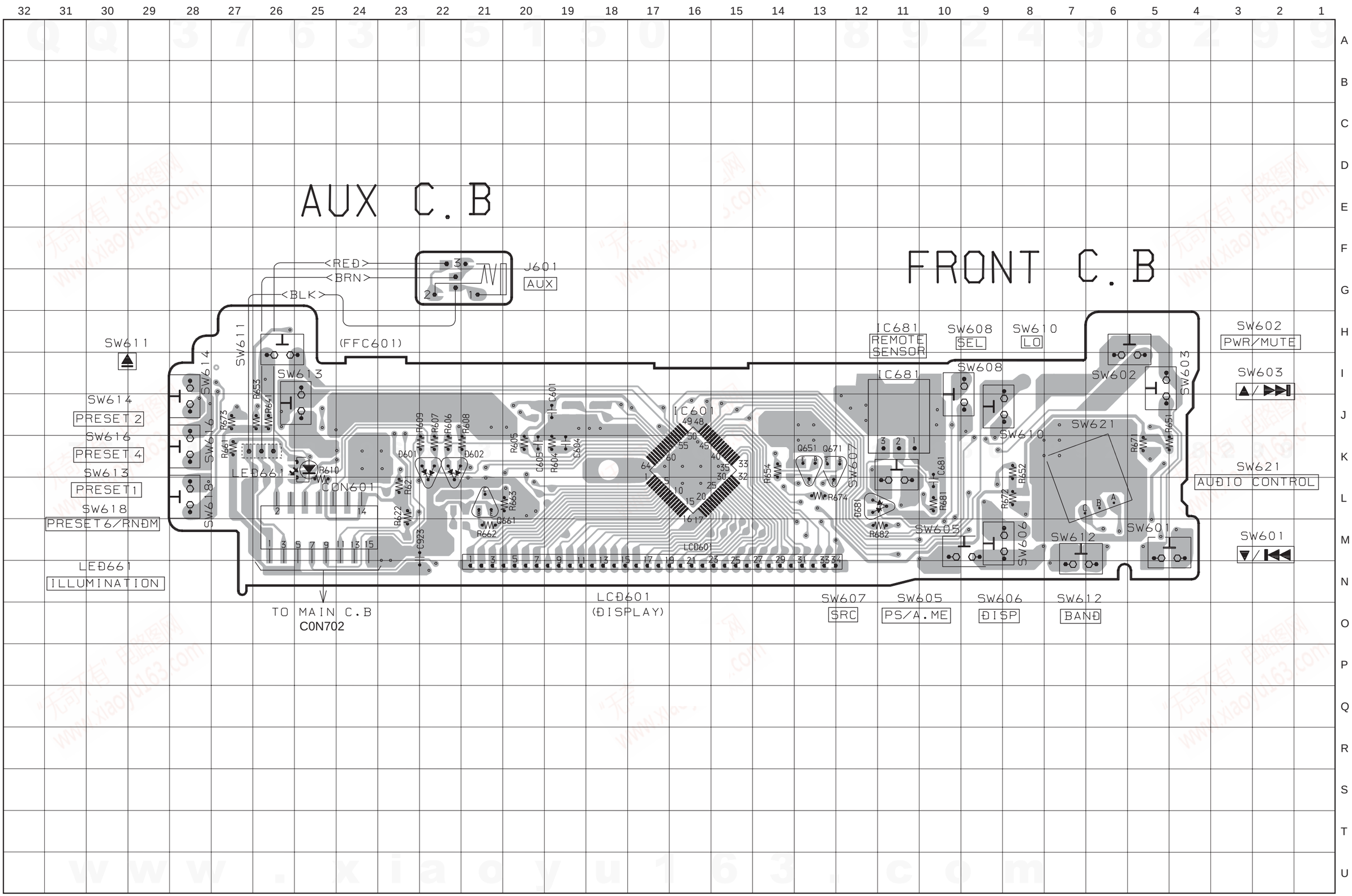
WIRING -2/4 (FRONT/AUX) -1/2



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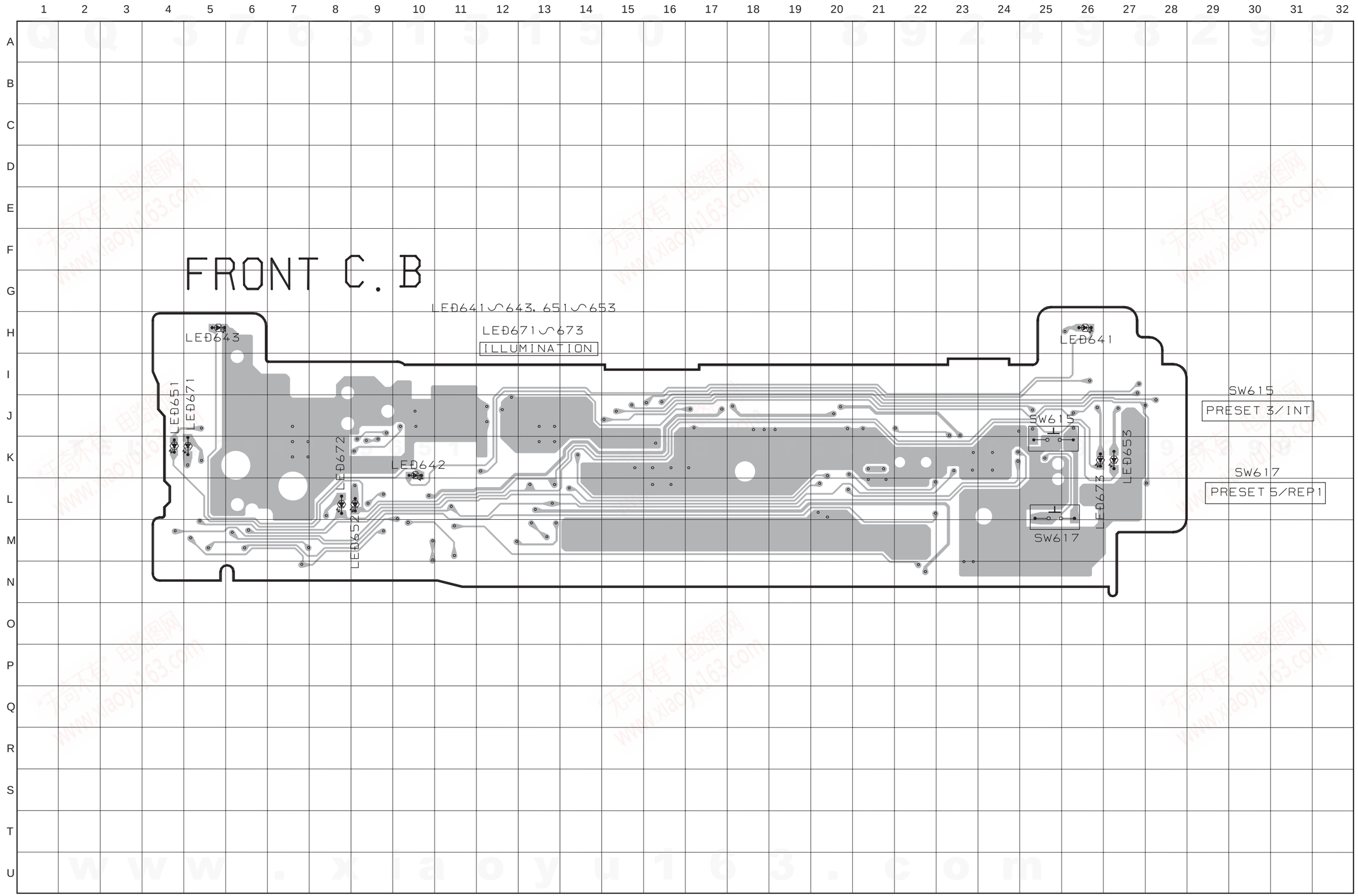

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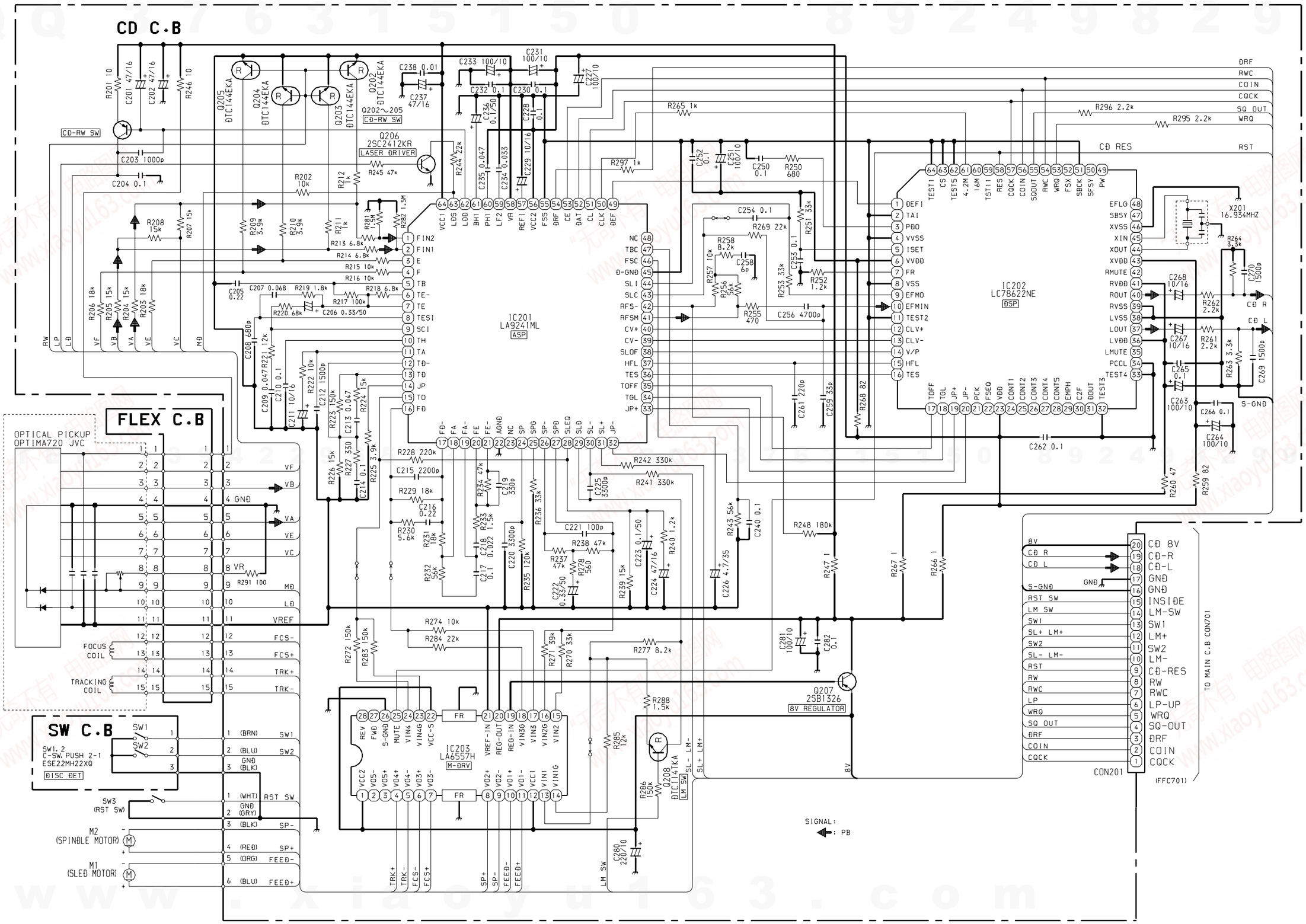
SCHEMATIC DIAGRAM -3/3 (CD)



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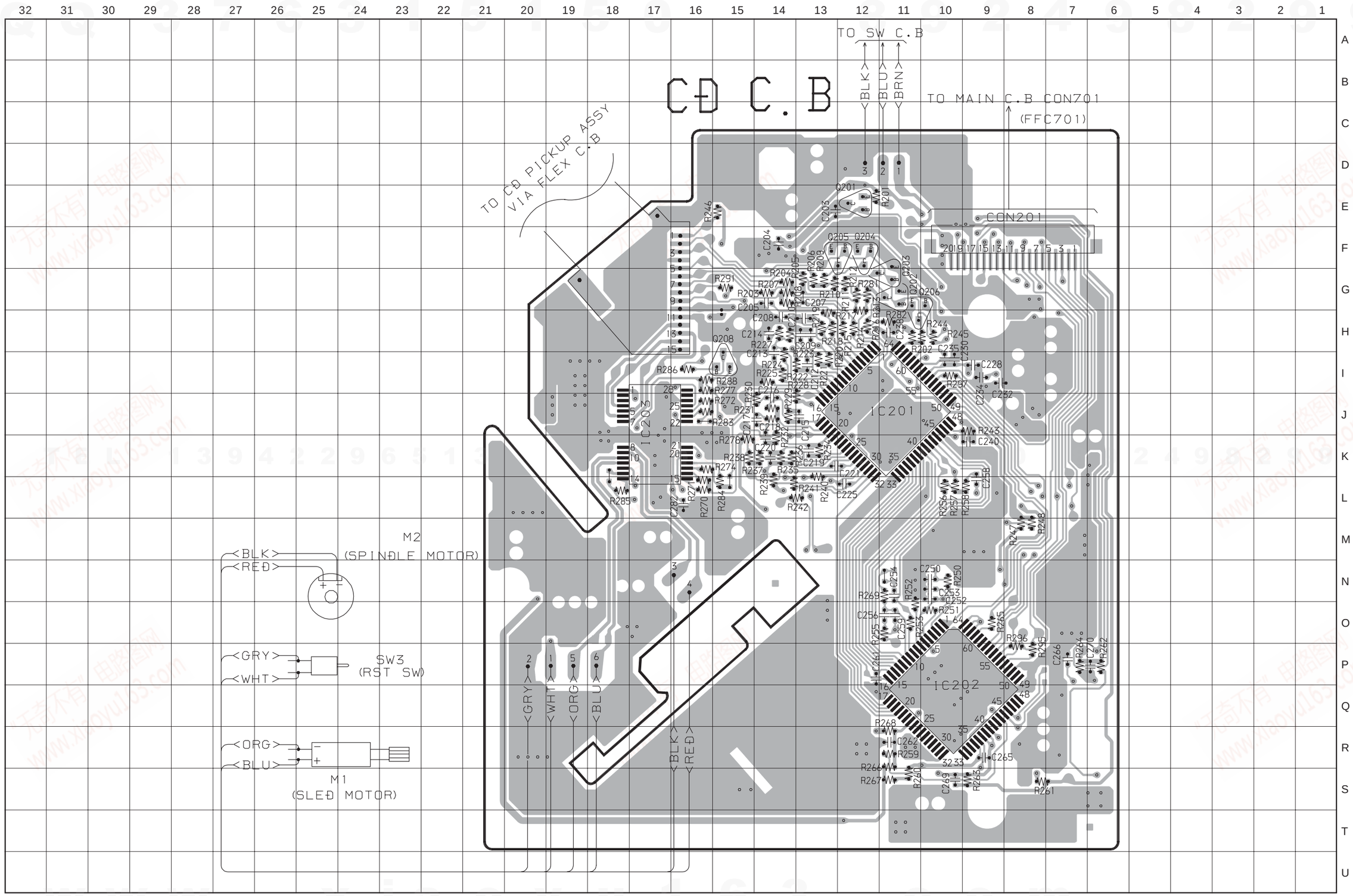
WIRING -3/4 (CD) -1/2



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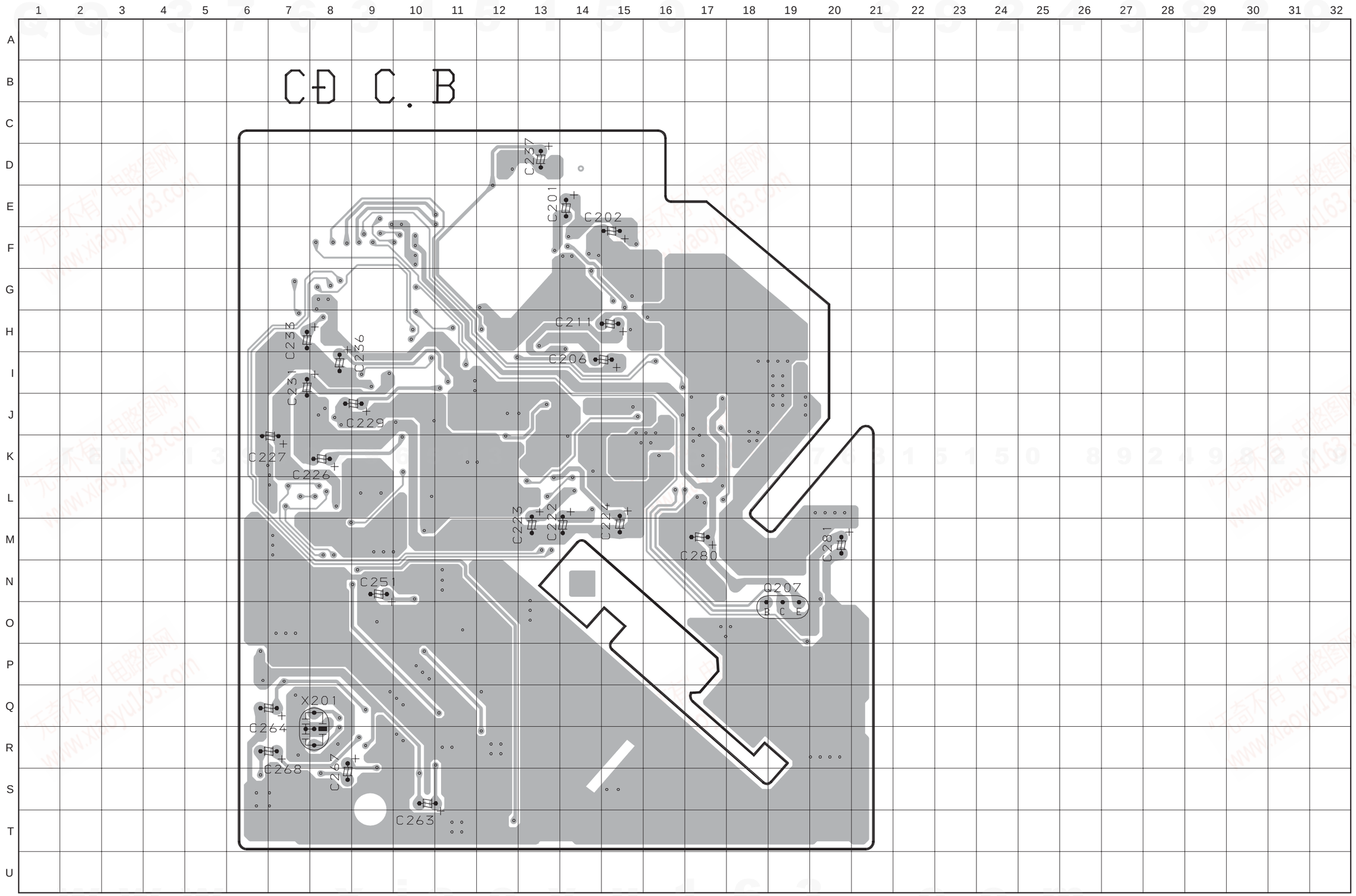

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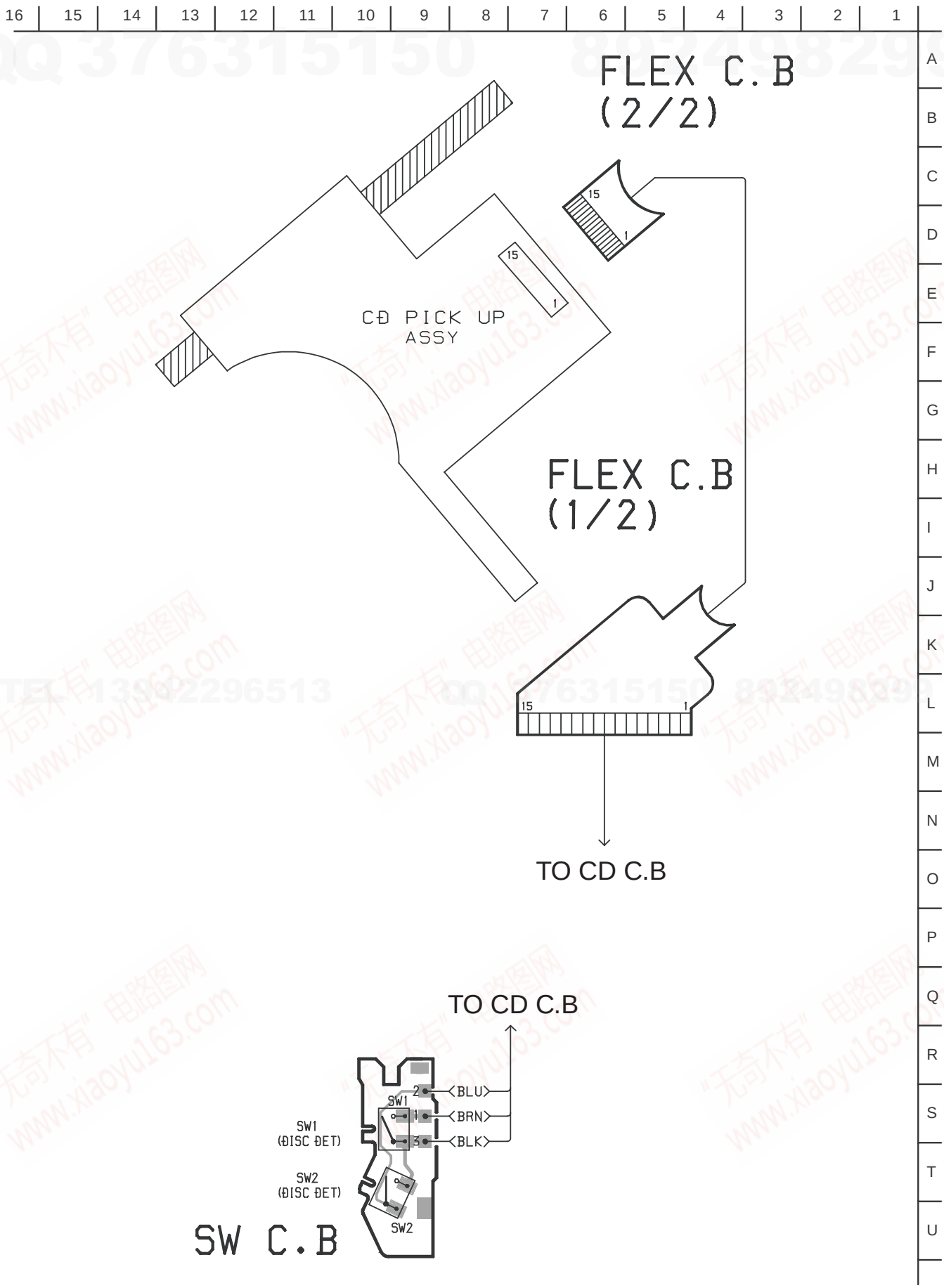
WIRING -4/4 (FLEX/SW) -1/1



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VOLTAGE CHART -1/8

IC201 LA9241ML

PIN NO.	CD	TUNER	AUX
1	2.5	0	0
2	2.5	0	0
3	2.53	0	0
4	2.49	0	0
5	2.51	0	0
6	2.51	0	0
7	2.51	0	0
8	2.52	0	0
9	2.51	0	0
10	2.51	0	0
11	2.51	0	0
12	2.51	0	0
13	2.5	0	0
14	2.51	0	0
15	2.5	0	0
16	2.61	0	0
17	2.52	0	0
18	2.42	0	0
19	2.52	0	0
20	2.53	0	0
21	2.51	0	0
22	0	0	0
23	0	0	0
24	2.47	0	0
25	2.47	0	0
26	2.6	0	0
27	DATA	0	0
28	2.49	0	0
29	DATA	0	0
30	DATA	0	0
31	DATA	0	0
32	0	0	0
33	0	0	0
34	4.93	0	0
35	0	0	0
36	DATA	0	0
37	DATA	0	0
38	DATA	0	0
39	DATA	0	0
40	DATA	0	0
41	2.29	0	0

PIN NO.	CD	TUNER	AUX
42	2.4	0	0
43	2.41	0	0
44	2.5	0	0
45	0	0	0
46	2.51	0	0
47	2.41	0	0
48	0	0	0
49	0	0	0
50	2.41	0	0
51	4.8	0	0
52	DATA	0	0
53	DATA	0	0
54	4.84	0	0
55	0	0	0
56	4.93	0	0
57	2.51	0	0
58	2.51	0	0
59	2.39	0	0
60	2.5	0	0
61	2.22	0	0
62	3.71	0	0
63	0.19	0	0
64	4.91	0	0

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VOLTAGE CHART -2/8

IC202 LC78622NE

PIN NO.	CD	TUNER	AUX
1	0	0	0
2	0	0	0
3	1.55	0	0
4	0	0	0
5	1.77	0	0
6	4.69	0	0
7	0.33	0	0
8	0	0	0
9	2.49	0	0
10	2.39	0	0
11	0	0	0
12	DATA	0	0
13	DATA	0	0
14	DATA	0	0
15	DATA	0	0
16	DATA	0	0
17	0	0	0
18	4.92	0	0
19	0	0	0
20	0	0	0
21	2.35	0	0
22	4.93	0	0
23	4.93	0	0
24	0.2	0	0
25	0.2	0	0
26	0.2	0	0
27	0.2	0	0
28	0.2	0	0
29	0	0	0
30	0	0	0
31	2.47	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	4.9	0	0
37	2.03	0	0
38	0	0	0
39	0	0	0
40	2.03	0	0
41	4.96	0	0

PIN NO.	CD	TUNER	AUX
42	0	0	0
43	4.79	0	0
44	1.75	0	0
45	1.85	0	0
46	0	0	0
47	0.1	0	0
48	0.02	0	0
49	0.11	0	0
50	2.47	0	0
51	0	0	0
52	2.46	0	0
53	2.0	0	0
54	0	0	0
55	0	0	0
56	0	0	0
57	4.8	0	0
58	4.88	0	0
59	0	0	0
60	1.93	0	0
61	2.34	0	0
62	0	0	0
63	0	0	0
64	0	0	0

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VOLTAGE CHART -3/8

IC203 LA6557

PIN NO.	CD	TUNER	AUX
1	7.1	0	0
2	0.17	0	0
3	0.17	0	0
4	3.2	0	0
5	3.2	0	0
6	3.3	0	0
7	3.1	0	0
8	3.5	0	0
9	2.9	0	0
10	3.5	0	0
11	2.9	0	0
12	7.1	0	0
13	2.6	0	0
14	2.58	0	0
15	2.64	0	0
16	2.58	0	0
17	2.6	0	0
18	2.58	0	0
19	6.5	0	0
20	5.1	0	0
21	2.58	0	0
22	7.2	0	0
23	2.58	0	0
24	2.58	0	0
25	4.7	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0

IC402 BU4066BC

NO.	PIN NAME	CD	TUNER	AUX
1	I/O 1	4.49	4.53	4.53
2	O/I 1	4.52	4.56	4.56
3	O/I 2	4.51	4.53	4.53
4	I/O 2	4.53	4.56	4.56
5	C2	0	0	0
6	C3	0	0	0
7	VSS	0	0	0
8	I/O 3	4.54	4.56	4.56
9	O/I 3	4.52	4.53	4.53
10	O/I 4	4.55	4.56	4.56
11	I/O 4	4.53	4.53	4.53
12	C4	0	0	0
13	C1	0	0	0
14	VDD	9.28	9.29	9.29

IC501 TA8273H

NO.	PIN NAME	CD	TUNER	AUX
1	TAB	0	0	0
2	PRE-GND	0	0	0
3	FL(-)	7.56	7.56	7.58
4	ST-BY	4.51	4.44	4.52
5	FL(+)	7.58	7.59	7.61
6	VDD	14.27	14.32	14.32
7	RL(-)	7.7	7.71	7.72
8	PRE-GND	0	0	0
9	RL(+)	7.66	7.68	7.68
10	V-REF	8.93	8.87	8.95

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VOLTAGE CHART -4/8

IC401 LA2657

NO.	PIN NAME	CD	TUNER	UX
1	AUX(L)	4.26	4.24	4.28
2	CDC(L)	4.26	4.24	4.28
3	TUN(L)	4.26	4.24	4.28
4	SD(L)	4.26	4.24	4.28
5	VREF	4.28	4.26	4.3
6	CD(R)	4.27	4.25	4.28
7	TUN(R)	4.27	4.25	4.28
8	CDC(R)	4.27	4.25	4.28
9	AUX(R)	4.27	4.25	4.28
10	NC	0	0	0
11	RSELO	4.29	4.27	4.29
12	RIN	4.27	4.25	4.28
13	RTRE	4.27	4.25	4.28
14	RBASS1	4.27	4.26	4.28
15	NC	2.35	2.44	4.31
16	RBASS2	4.3	4.28	4.3
17	NC	0	0	0
18	RSB	4.3	4.28	4.3
19	ROUT	4.3	4.28	4.3
20	RF IN	4.28	4.25	4.27
21	BBEVCC	9	9	9
22	BBEVREF	4.57	4.55	4.57
23	BBECONT	0	0	0
24	BBEGND	0	0	0
25	BBERIN	4.57	4.55	4.57
26	NC	2.36	2.42	2.32
27	BBECBPR	4.58	4.56	4.58
28	RC3	4.58	4.56	4.58
29	BBEHPOR	4.58	4.56	4.58
30	BBECLPR	4.58	4.56	4.58
31	BBEELPOR	4.58	4.56	4.58
32	NC	2.35	2.41	2.32
33	NC	2.36	2.4	2.31
34	BBEMIXR	4.58	4.56	4.57
35	BBEROUT	4.58	4.56	4.58
36	BBELOUT	4.58	4.56	4.58
37	BBEMIXL	4.58	4.56	4.57
38	BBELPOL	4.58	4.56	4.57
39	NC	2.35	2.4	2.31
40	BBECLPL	4.59	4.56	4.58
41	BBEHPOL	4.59	4.56	4.58
42	BBECBPL	4.59	4.56	4.58
43	LC3	4.59	4.56	4.58
44	BBELIN	4.58	4.56	4.57

NO.	PIN NAME	CD	TUNER	AUX
45	FROUT	4.3	4.28	4.29
46	RROUT	4.3	4.28	4.29
47	VDD	8.61	8.55	8.58
48	NC	0	0	0
49	CL	0	0	0
50	DI	0	0	0
51	CE	0	0	0
52	VSS	0	0	0
53	RLOUT	4.31	4.28	4.29
54	FLOUT	4.31	4.28	4.29
55	NC	4.32	2.37	4.3
56	LFIN	4.29	4.26	4.27
57	LOUT	4.31	4.28	4.29
58	LSB	4.31	4.28	4.29
59	LBASS2	4.31	4.28	4.29
60	LBASS1	4.29	4.26	4.27
61	LTRE	4.29	4.26	4.27
62	LIN	4.29	4.26	4.27
63	LSELO	4.31	4.28	4.29
64	NC	0	0	0

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VOLTAGE CHART -5/8

IC601 LC75853

PIN NO.	CD	TUNER	AUX
1	4.7/0	4.7/0	4.7/0
2	0/4.7	0/4.7	0/4.7
3	4.7/0	4.7/0	4.7/0
4	4.8	4.8	4.8
5	2.45	2.45	2.45
6	2.45	2.45	2.45
7	2.45	2.45	2.45
8	2.45	2.45	2.45
9	2.45	2.45	2.45
10	2.45	2.45	2.45
11	2.45	2.45	2.45
12	2.45	2.45	2.45
13	2.45	2.45	2.45
14	2.45	2.45	2.45
15	2.45	2.45	2.45
16	2.45	2.45	2.45
17	2.45	2.45	2.45
18	2.45	2.45	2.45
19	2.45	2.45	2.45
20	2.45	2.45	2.45
21	2.45	2.45	2.45
22	2.45	2.45	2.45
23	2.45	2.45	2.45
24	2.45	2.45	2.45
25	2.45	2.45	2.45
26	2.45	2.45	2.45
27	2.45	2.45	2.45
28	2.45	2.45	2.45
29	2.45	2.45	2.45
30	2.45	2.45	2.45
31	2.45	2.45	2.45
32	2.45	2.45	2.45
33	2.45	2.45	2.45
34	2.45	2.45	2.45

PIN NO.	CD	TUNER	AUX
35	2.45	2.45	2.45
36	2.45	2.45	2.45
37	2.45	2.45	2.45
38	2.45	2.45	2.45
39	2.45	2.45	2.45
40	2.45	2.45	2.45
41	2.45	2.45	2.45
42	2.45	2.45	2.45
43	2.45	2.45	2.45
44	4.9	4.9	4.9
45	4.9	4.9	4.9
46	4.9	4.9	4.9
47	4.9	4.9	4.9
48	4.9	4.9	4.9
49	4.9	4.9	4.9
50	0	0	0
51	0	0	0
52	0	0	0
53	0	0	0
55	0	0	0
56	4.9	4.9	4.9
57	3.26	3.26	3.26
58	1.65	1.65	1.65
59	0	0	0
60	0.8	0.8	0.8
61	4.9	4.9	4.9
62	DATA	DATA	DATA
63	DATA	DATA	DATA
64	DATA	DATA	DATA

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VOLTAGE CHART -6/8

TU101 FAE347-A30

PIN NO.	ANT INPUT OPEN		ANT STANDARD INPUT	
	FM	AM	FM	AM
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	7.82	0.2	7.65	0.21
5	0	0	0	0
6	3.42	3.42	3.42	3.42
7	0	0	0	0
8	0	0	0	0
9	0	8.7	0	9.15
10	0	0	0	0
11	0	0	0	0
12	8.2	0	8.08	0
13	8.53	8.4	8.44	8.92
14	3.41	3.42	3.42	3.42
15	0	0	0	0
16	3.41	3.44	3.39	3.42
17	3.36	3.41	3.39	3.42
18	0	0	0	0
19	0	0	0	0
20	0.01	0.01	0	0
21	0.64	0.5	6.13	5.55
22	4.9	4.84	4.56	4.54
23	0.07	0.04	0.95	0.84
24	4.07	1.21	4.01	1.21
25	8.5	8.4	8.45	8.29
26	2.38	0.07	0.06	0.07

ANT standard input	Modulation	Modulation frequency	Tuning range
FM : 1 mV(60 dBuV)	75 kHz (100%)	1 kHz	98 MHz
AM : 5 mV(75 dBuV)	30%	400 kHz	1000 kHz

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VOLTAGE CHART -7/8

NO.	PIN NAME	CD	FM	AM	AUX	
Q109	B	0	0	0	0	
DTC114TKA	C	7.87	7.7	0.07	7.86	Switching
87-A30-287-04	E	0	0	0	0	
Q105	B	9.16	9.06	8.6	9.2	
2SA1037AK(R)	C	0	0.36	9.2	0	Filter
87-A30-289-04	E	9.38	9.2	9.3	9.45	
Q106	B	9.24	9	0.03	9.24	
2SC2412KR	C	9.45	9.2	9.3	9.44	Filter
89-324-122-04	E	8.54	8.3	0	8.54	
Q107	B	0	0	4.78	0	
DTC114YKA	C	9.25	9	0.03	9.24	Switching
87-A30-288-04	E	0	0	0	0	
Q101	B	1.05	1.06	1.05	1.04	
2SC2412KR	C	1.4	3.42	3.39	1.7	Switching
89-324-122-04	E	0.59	0.6	0.6	0.59	
Q106	B	0.6	0.6	0.6	0.59	
2SC2412KR	C	1.4	3.42	3.39	8.66	Switching
89-324-122-04	E	0	0	0	0	
Q401,Q402	B	0	0	0	0	
Q403,Q404	C	0	0	0	0	MUTE
DTC114TKA	E	0	0	0	0	Switching
87-A30-287-04						
Q441	B	4.85	4.73	4.8	4.85	
DTC114TKA	C	0.03	0.02	0.03	0.03	Switching
87-A30-287-04	E	0	0	0	0	
Q442	B	0	0	0	0	
DTA114TKA	C	0	1	0.8	0.8	Switching
87-A30-282-04	E	0.03	0.02	0.03	0.03	
Q801	B	13.63	13.65	13.64	13.65	
2SB1375	C	14.32	14.31	14.31	14.34	Regulate
89-213-750-01	E	14.36	14.38	14.39	14.38	
Q802	B	4.81	4.74	4.75	4.68	
DTC114TKA	C	0.06	0.06	0.06	0.06	Switching
87-A30-287-04	E	0	0	0	0	
Q811	B	6.18	6.18	6.18	6.18	
2SD1862	C	13.2	13.01	13.18	13.2	Regulate
87-A30-301-08	E	5.54	5.58	5.6	5.6	
Q831	B	7.8	0	0	0	
2SD2012	C	14.3	14.38	14.38	14.3	Regulate
89-420-120-01	E	7.2	0	0	0.5	
Q832	B	7.1	14.37	14.23	14.34	
2SA1037AK(R)	C	7.8	0	0	0	Driver
87-A30-289-04	E	7.9	14.38	14.38	14.35	
Q833	B	4.84	0	0	0	
DTC114EKA	C	0.05	14.23	14.23	14.34	Switching
87-A30-427-04	E	0	0	0	0	
Q821	B	10.03	9.9	9.9	10.1	
2SD2012	C	14.17	14.3	14.28	14.32	Regulate
89-420-120-01	E	9.36	9.3	9.3	9.45	

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VOLTAGE CHART -8/8

Q591	B	7.89	7.89	7.89	7.89	
DTA114TKA	C	0	0	0	0	VDD Detect
87-A30-282-04	E	4.6	4.6	4.6	4.6	
Q592	B	7.97	7.97	7.97	7.97	
DTA114TKA	C	0	0	0	0	VDD Detect
87-A30-282-04	E	4.86	4.86	4.86	4.86	
Q941	1	6.8	6.8	6.8	6.8	
PST994D	2	0	0	0	0	Reset IC
88-KT1-606-08	3	4.63	4.63	4.63	4.63	
Q201	B	3.71	0	0	0	CD-RW
2SA1037AK(R)	C	1.84	0	0	0	Switching
87-A30-289-04	E	4.38	0	0	0	
Q202	B	4.88	0	0	0	CD-RW
DTC144EKA	C	2.51	0	0	0	Switching
87-A30-435-04	E	2.51	0	0	0	
Q203	B	4.88	0	0	0	CD-RW
DTC144EKA	C	2.51	0	0	0	Switching
87-A30-435-04	E	2.51	0	0	0	
Q204	B	4.88	0	0	0	CD-RW
DTC144EKA	C	2.51	0	0	0	Switching
87-A30-435-04	E	2.51	0	0	0	
Q205	B	4.88	0	0	0	CD-RW
DTC144EKA	C	2.51	0	0	0	Switching
87-A30-435-04	E	2.51	0	0	0	
Q206	B	0	0	0	0	Laser
2SC2412KR	C	0.2	0	0	0	Driver
89-324-122-04	E	0	0	0	0	
Q207	B	6.6	0.4	0.4	0.5	
2SB1326	C	5.1	0	0	0	8V
87-A30-299-08	E	7.2	0.4	0.4	0.5	Regulate
Q451	B	1.1	1.1	1.1	1.1	
2SC2412KR	C	4.1	4.1	4.1	4.1	LEVEL AMP
89-324-122-04	E	0.5	0.5	0.5	0.5	

BLUE/RED

Q651	B	0/4.7	-	-	-	
2SC2412KR	C	8.2/0	-	-	-	Switching
89-324-122-04	E	0	-	-	-	
Q671	B	4.7/0	-	-	-	
2SC2412KR	C	0/8.2	-	-	-	Switching
89-324-122-04	E	0	-	-	-	

DIM1/DIM0

Q622	B	4.7/0	-	-	-	
2SC2412KR	C	0/4.7	-	-	-	Switching
89-324-122-04	E	0	-	-	-	

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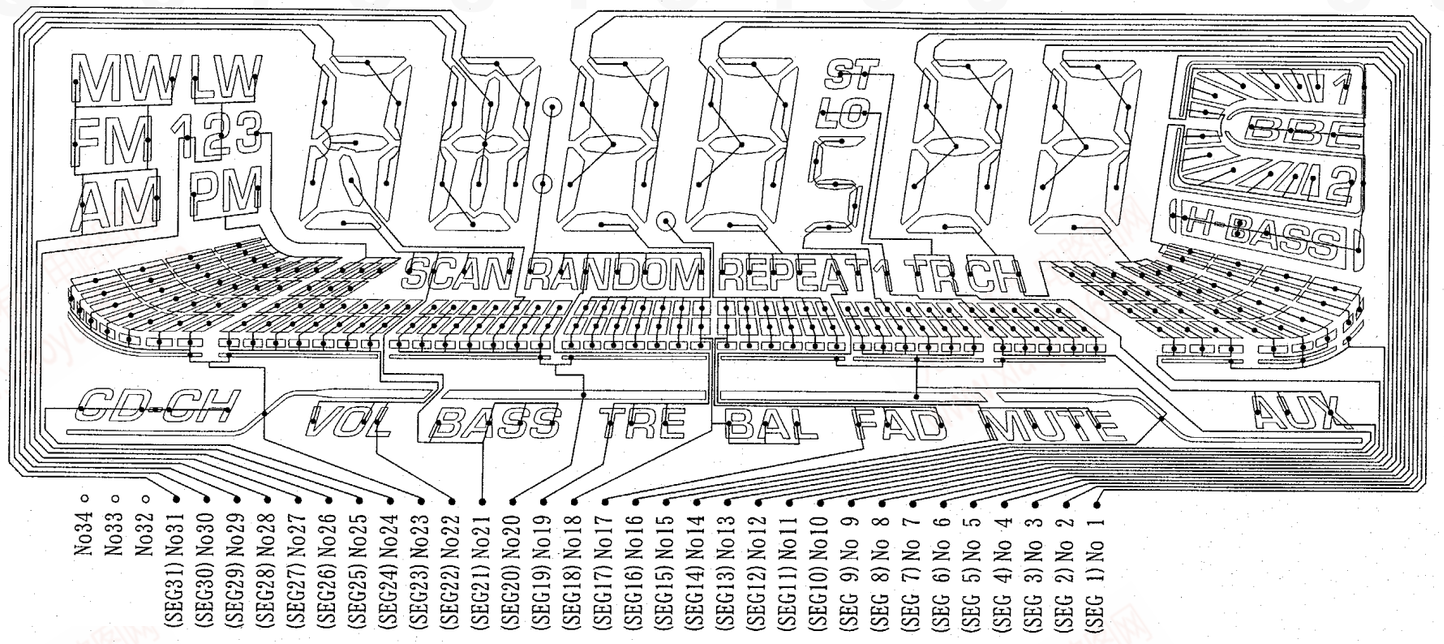
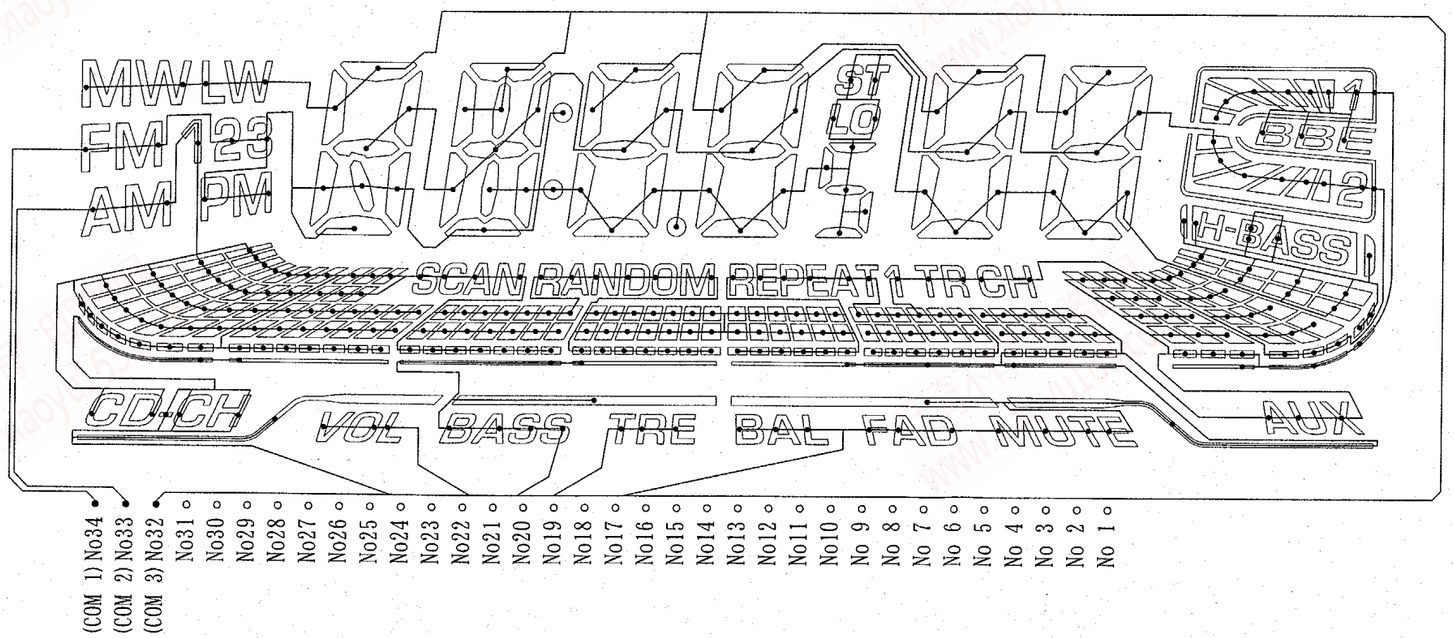
LCD DIAGRAM -1/2 (CKC-F-G-H)



<COMMON>



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LCD DIAGRAM -2/2 (CKC-F-G-H)

<WIRING TABLE>

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
COM1	4e	4c	3e	3c	2e	2c	1e	1c	A	H-BASS	1d	2d	ST	LO	35	3d	DOT
COM2	4g	4b	3g	3b	2g	2b	1g	1b	BBE2	2	B	CH	TR	R1	E	REPEAT	F
COM3	4f	4a	3f	3a	2f	2a	1f	1a	BBE1	1,BBE	3,4,5	C	AUX	D	6,7,8, 13,14	MUTE	FAD

No	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
COM1	4d	COLON	6j	6d	B3	PM	—	B2	FM	6e	6c	5d	5i	5c	—	—	COM1
COM2	G	RANDOM	H	SCAN	I	J	CD	B1	AM	6g	6b	5e	5g	5b	—	COM2	—
COM3	BAL	TRE	9,10,15	BASS	VOL	11,12,16	-CH	LW	MW	6f	6a	5f	5h	5a	COM3	—	—

<CHARACTER>

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TEST MODE -1/2

1. How to start CD Test Mode
   1) Remove the resistor R909(100KW ,Refer to Fig-3) connected at Pin 63 (test) of IC 901 (LC72366-9A69) on main circuit board. Then connect a wire between Pin 73 (VDD) and Pin 63 (test). Refer to Fig-4

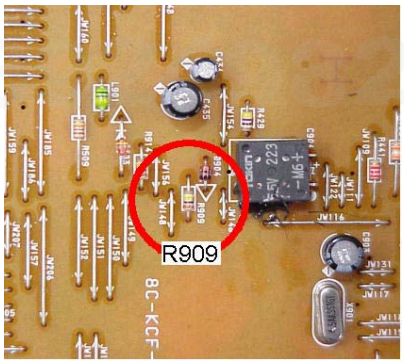

Fig-3

   2) Connect ACC (red) and BACK UP (yellow) wires of the connector assy to the positive terminal of Power Supply device and Ground (black) wire to the negative terminal.

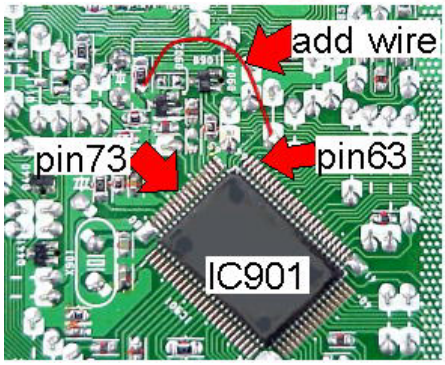

Fig-4

   3) After adjusting the application voltage of Power Supply device to 14.5V, turn on the power. Test Mode starts, and all LCD are lit. Refer to Fig-5

Fig-5

2. How to exit CD Test Mode
   1) Switch off the power of Power Supply device.
   2) Remove the wires of the connector assy.
   3) Remove the wire on the main circuit board.

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3. Function of CD Test Mode

MODE	Function Key	Display	Movement	Details
Start Mode		All lit.		Test mode starts.
Load/Unload	▲ EJECT	All lit.	CHACKING	All SERVO OFF LASER ON VCC ON
Search Mode	6 RNDM	All lit.	Focus search continuous movement. PU lens repeats full swings. (Note 1)	APC circuit check Laser current measurement Focus error waveform check
Play Mode	5 REP1	TOC READING Track No, Play time display Level display	Normal playback If TOC READ is not available, the same movement as focus search is applied. (Note 2)	Focus servo Tracking servo CLV servo Sled servo
Traverse Mode	3 INT	Track No, Play time display	Playback pause status (Note 3)	Tracking servo OFF
STOP	4	All lit.	Standby status	All servo OFF Laser ON/OFF
Sled Mode	▶▶ / ◀◀	All lit.	Pickup moves to the outermost position. Pickup moves to the innermost position. (Note 4)	Sled servo Check mechanism movement.

Note 1: • Check Search Mode without inserting any CD.
• To exit Search Mode, insert a CD or press the POWER button to switch off the power.
• To protect driver IC, do not continue Search Mode more than 10 minutes.

Note 2: • To exit Play mode, press the POWER button to switch off the power.

Note 3: • To exit Traverse Mode, switch to Play Mode or press the POWER button to switch off the power.

Note 4: • Check Play Mode/Sled Mode movements after inserting a CD.

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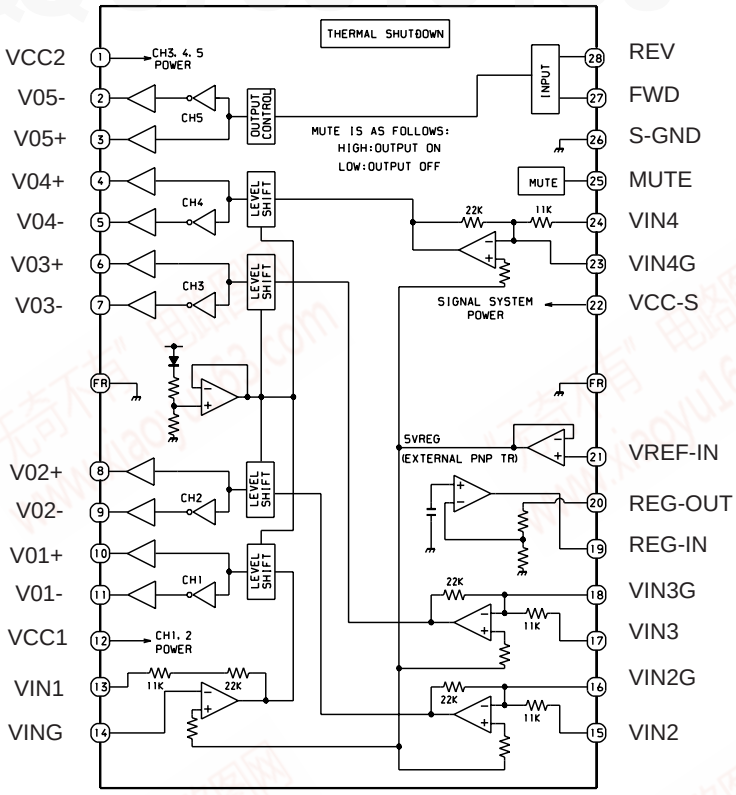
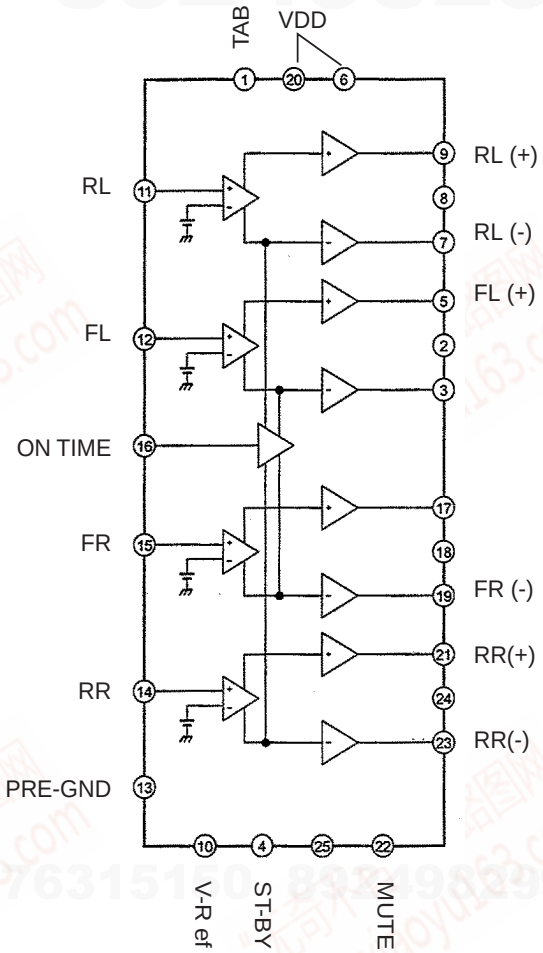
IC BLOCK DIAGRAM -1/2

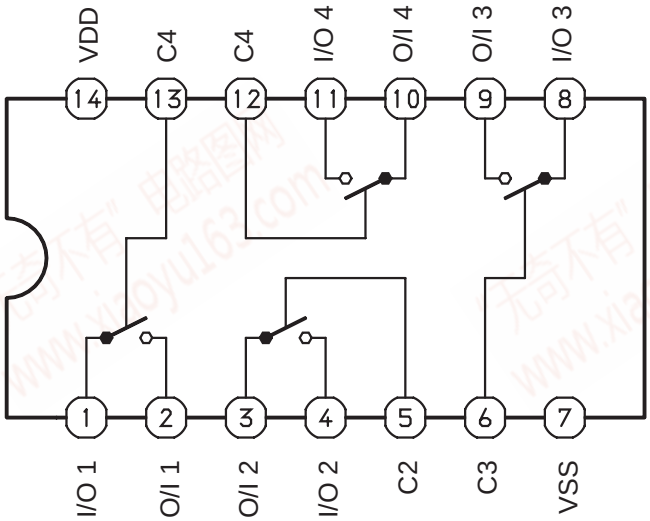
IC203 LA6557



IC501 TA8273H



IC402 BU4066BCF



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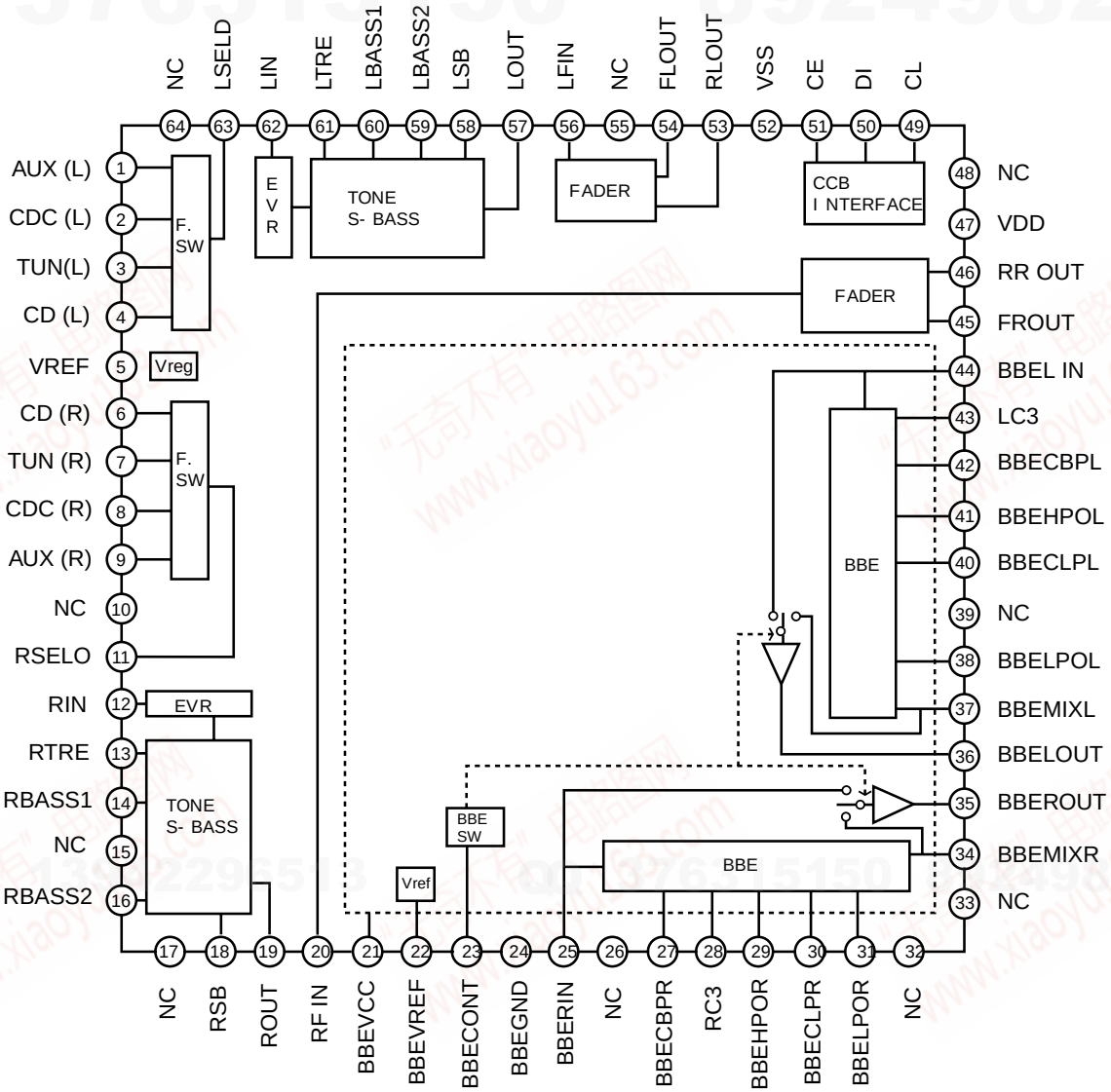
IC BLOCK DIAGRAM -2/2

IC401 LA2657



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IC DESCRIPTION -1/4 (IC201 LA9241ML) -1/2

Pin No.	Pin Name	I/O	Description
1	FIN2	O	For the connection of the pickup photodiode. Addition to the FIN1 pin creates an RF signal and subtraction from it create an EF signal.
2	FIN1	O	For the connection of the pickup photodiode.
3	E	O	For the connection of the pickup photodiode. Subtraction from the F pin creates a TE signal.
4	F	O	For the connection of the pickup photodiode.
5	TB	I	Inputs the DC components in the TE signal.
6	TE-	O	For the connection of a resistor which sets the gain of the TE signal between this pin and the TE pin.
7	TE	O	TE signal output.
8	TESI	I	TES (track error sense) comparator input. The signal is passed through a BPF.
9	SCI	I	Shock detection input.
10	TH	I	Sets the time constant for the tracking gain.
11	TA	O	TA amp output.
12	TD-	I	Composes the tracking phase compensation constant between the TD and VR pins.
13	TD	I	Sets the tracking phase compensation.
14	JP	I	Sets the amplitude of the tracking jump signal (kick pulses).
15	TO	O	Tracking control signal output.
16	FD	O	Focusing control signal output.
17	FD-	I	Composes the focusing phase compensation constant between the FD and FA pins.
18	FA	O	Composes the focusing phase compensation constant between the FD and FA pins.
19	FA-	I	Composes the focusing phase compensation constant between the FD and FA pins.
20	FE	O	FE signal output.
21	FE-	I	For the connection of a resistor which sets the gain of the FE signal between this pin and the TE pin.
22	AGND	O	Ground of analog signals.
23	NC	-	Not connected.
24	SP	O	Single-ended output of the signal input to the CV+ and CV- pins.
25	SPG	I	For the connection of a resistor which sets the gain in the spindle 12cm mode.
26	SP-	I	For the connection of the spindle phase compensation constant with the SPD pin.
27	SPD	O	Spindle control signal output.
28	SLEQ	I	For the connection of sled phase compensation constant.
29	SLD	O	Sled control signal output.
30	SL-	I	Sled feed signal input from the microprocessor.
31	SL+		
32	JP-	I	Tracking signal input from the DSP.
33	JP+		
34	TGL	I	Tracking gain control signal input from the DSP. Low gain when TGL is "H".
35	TOFF	I	Tracking off control signal input from the DSP. Off when TOFF is "H".
36	TES	O	Output the TES signal to the DSP.

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IC DESCRIPTION -1/4 (IC201 LA9241ML) -2/2

Pin No.	Pin Name	I/O	Description
37	HFL	O	The HFL (high frequency level) signal is used to judge whether the main beam is positioned on the pit or on the mirror.
38	SLOF	I	Sled servo off control input.
39	CV-	I	CLV error signal input from the DSP.
40	CV+		
41	RFSM	O	RF output.
42	RFS-	O	Set the RF gain and the EFM singal's 3T compensation constant together with the RFSM pin.
43	SLC	O	The SLC (slice level control) signal is output to control the DSP's data slice level of the RF waveform.
44	SLI	I	Input to control the DSP's data slice level.
45	D-GND	-	Ground of digital signals.
46	FSC	O	Output for the focus search smoothing capacitor.
47	TBC	I	The TBC (tracking balance control) signal sets the EF balance variation range.
48	NC	-	Not connected.
49	DEF	O	Disc defect detection output.
50	CLK	I	Reference clock input. 4.23 MHz is input from the DSP.
51	CL	I	Microprocessor command clock input.
52	DAT	I	Microprocessor command data input.
53	CE	I	Microprocessor chip enable input.
54	DRF	O	DRF (detect RF) is an output to detect the RF level.
55	FSS	I	The FSS (focus search select) signal switches the focus search modes (+/-search / +search with respect to the reference voltage). (Connected to D-GND)
56	VCC2	-	VCC of servo and digital circuits.
57	REFI	-	For the connection of bypass capacitor for the reference voltage.
58	VR	O	Reference voltage output.
59	LF2	-	Set the time constant for disc defect detection.
60	PH1	-	For the connection of a capacitor to hold the RF signal peak.
61	BH1	-	For the connection of a capacitor to hold the RF signal bottom.
62	LDD	O	APC circuit output.
63	LDS	I	APC circuit input.
64	VCC1	-	VCC of RF signal circuits.

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IC DESCRIPTION -2/4 (IC202 LC78622) -1/1

Pin No.	Pin Name	I/O	Description
1	DEFI	I	Defect detection signal (DEF) input. (Must be connected to 0V when not in used.)
2	TAI	I	For PLL/Test input. A pull-down resistor is built-in. (Must be connected to 0V.)
3	PDO	O	External VCO control phase comparator output.
4	VVSS	-	Internal VCO ground. (Must be connected to 0V.)
5	ISET	I	PDO output current adjustment resistor connection.
6	VVDD	-	Internal VCO power supply.
7	FR	I	VCO frequency range adjustment.
8	VSS	-	Digital system ground. (Must be connected to 0V.)
9	EFMO	O	Slice level control EFM signal output.
10	EFMIN	I	Slice level control EFM signal input.
11	TEST2	I	Test input. A pull-down resistor is built-in. (Must be connected to 0V.)
12,13	CLV+,CLV-	O	Disc motor control output. Can be set to three-value output by microprocessor command.
14	V/P	O	Rough servo/phase control automatic switching monitor output. Output a high level during rough servo a low level.
15	HFL	I	Track detection signal input. This is a Schmitt input.
16	TES	I	Tracking error signal input. This is a Schmitt input.
17	TOFF	O	Tracking off output.
18	TGL	O	Tracking gain switching output. Increase the gain when low.
19	JP+	O	Track jump output. Three value output is also possible when specified by microprocessor command.
20	JP-		
21	PCK	O	EFM data playback clock monitor. Output 4.3218 MHz when the phase is locked. (Not used)
22	FSEQ	O	Synchronization signal detection output. Output a high level when the synchronization signal detected from the EFM signal and the internaly generated synchronization signal range.(Not used)
23	VDD	-	Digital system power supply.
24~28	CONT1~5	I/O	General purpose input/ output pin 1 ~ 5. (Not used)
29	EMPH	O	De-emphasis monitor. A high level indicates playback of a De-emphasis disc. (Not used)
30	C2F	O	C2 flag output. (Not used)
31	DOUT	O	Digital output. (Not used)
32	TEST3	I	Test input. A pull-down resistor is built-in. (Must be connected to 0V.)
33	TEST4	I	Test input. A pull-down resistor is built-in. (Must be connected to 0V.)
34	PCCL	I	General purpose input/output command identifying. A pull-down resistor is built-in. "H": Control possible only for the general purpose input/ output port command. "L": Control possible for all commands. (Must be connected to 0V.)
35	LMUTE	O	Left channel mute output. (Not used)
36	LVDD	-	Left channel power supply.
37	LOUT	O	Left channel output.
38	LVSS	-	Left channel ground. (Must be connected to 0V.)
39	RVSS	-	Right channel ground. (Must be connected to 0V.)
40	ROUT	O	Right channel output.
41	RVDD	-	Right channel power supply.

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IC DESCRIPTION -3/4 (IC601 LC75853NW) -1/1

Pin No.	Pin Name	I/O	Description
1	S1	O	LCD segment output.
2	S2	-	Not used.
3	S3	O	LCD segment output.
4	S4	-	Not used.
5~35	S5~S35	-	LCD segment output.
36~40	S36~S40	-	Not used.
41~43	COM1~COM3	O	LCD command driver output.
44~49	KS1~KS6	O	Key scan output.
50~52	KI1~KI3	I	Key scan input. These pins have build-in pull-down resistor.
53~54	KI4~KI5	-	Connected to GND.
55	TEST	-	Test pin. (Connected to GND.)
56	VDD	-	Power supply.
57	VDD1	I	Used for applying the LCD drive 2/3 bias voltage externally. (Must be connected to VDD2 when a 1/2 bias drive scheme is used.) (Not used)
58	VDD2	I	Used for applying the LCD drive 1/3 bias voltage externally. (Must be connected to VDD1 when a 1/2 bias drive scheme is used.) (Not used)
59	VSS	-	Power supply. (Connected to GND.)
60	OSC	I/O	Resistor and capacitor are attached externally form an oscillator circuit.
61	DO	O	Serial data interface pin; output data.
62	CE	O	Serial data interface pin; chip enable.
63	CL	O	Serial data interface pin; synchronization.
64	DI	O	Serial data interface pin; data transferred.

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IC DESCRIPTION -4/4 (LC72366-9A69) -1/2

Pin No.	Pin Name	I/O	Description
1	XIN	I	System clock oscillator input.
2	TEST2	-	Not used.
3	CD DATE IN	I	Input date signal for receiving from CD changer.
4	NC	-	Not connected.
5	CD CLOCK IN	I	Input synchronous clock signal for receiving from CD changer.
6	E-VOL DO	O	Date output for volume level control.
7	LCD DI	I	LCD driver date signal input.
8	LCD DO	O	LCD driver date signal output.
9	LCD CLO	O	LCD driver clock signal output.
10	LCD CE	O	LCD driver CE signal output.
11	SQ OUT	I	Sub-code Q input terminal.
12	COIN	O	Command output terminal for DSP.
13	CQCK	O	Transfer-out clock for command output or output terminal for sub-code transfer-in clock from SQ OUT.
14	SD/ST	I	Stereo signal input when receiving.”H”=MONO,”L”=ST FM reception. Channel detection signal input when FM/AM seeking. “H”=detect channel.
15	LOC/DX	O	LOC/DX swiching output when in the radio seek mode. H=LOC,”L”=DX.
16	IF REQ	O	IF count signal request output.
17	BAND	O	FM/AM power swich output. “H”=AM,”L”=FM.
18	TU ON	O	Radio power swich output. “H”=Radio mode.(Not used)
19	BBE1	O	BBE swich ON/OFF.(CKC-F only)
20	E-VOL CE	O	CE output for volume level control.
21	ACC-CONT	O	Output CD changer ACC signal.
22,23	KS4,KS3	O	Initial setting diode matrix output.(Not used)
24~26	KS2~KS0	O	Initial setting diode matrix output.
27~30	K3~K0	I	Initial setting diode matrix input.
31	VDD	-	Power supply.
32	E-VOL CLO	O	Clock output for volume level control.
33	LM SW	O	Loading or Thread GAIN swich output.
34	BBE2	O	BBE 1 or 2 swich output.(CKC-F only)
35	FEM+	O	Therad motor control terminal.
36	FEM-	O	Therad motor control terminal.
37	RW	O	RW disc control. Normal set to “H”.
38	LP UP	O	RW disc control. Normal set to “L”.
39	CD ON	O	CD power swich output.
40	A-MUTE	O	Audio mute signal output.
41	POWER CONT	O	Power control signal output.
42	ST-BY MUTE	O	ST-BY mute signal output.
43	POWER MUTE	O	Power mute signal output.
44	BEEP	O	BEEP output (3kHz,50ms).
45	DFP IN	I	Front panel detection.

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Pin No.	Pin Name	I/O	Description
46	DRF	I	“Detect RF” RF level detection input. Pulled up when not used.
47	WRQ	I	Sub-code Q output standby input terminal.
48	RCW	O	Read/write control output terminal.
49	CD RES	O	DSP reset output terminal.
50	OPEN	I	Not used.
51	SW2	I	12 cm disc detection/12 cm disc ejection and detection.
52	SW1	I	Leading motor start detection.
53	R-ENCOD2	I	Rotary encoder input 2.
54	R-ENCOD1	I	Rotary encoder input 1.
55	LCD-DI	I	LCD driver date signal input.
56	REMOTE IN	I	Remote contoroller input. Pulled up when not used.
57	LED	O	Not used.
58	CD DISP SEL	O	Communication timing signal output to CD changer. H:TX,”L”:RX.(CKC-F only)
59	CD CLOCK OUT	O	Output synchronous clock signal for sending to CD changer.(CKC-F only)
60	CD DATE OUT	O	Output date signal for sending to CD changer.(CKC-F only)
61	CD CONNECT	I	Connectivity check to CD changer.(CKC-F only)
62	CD INSIDE	I	Pick up inner track posision detection.
63	TEST	I	CD test mode. Pulled down when not used.
64	L IND	I	Voltage input for level indicater. Pulled down when not used.
65	PH.MUTE	I	External mute control. “L”=-20dB mute. Pulled up when not used.
66	RESET	I	System reset. “L”=system reset.
67	ACC IN	I	ACC (accessory power) ON/OFF input. OFF=fault mode.
68	SNS	I	Backup detection.
69	BATT IN	I	Input battery ON/OFF.
70	IF(FM/AM)	I	IF count signal input(FM/AM).
71	EO3	-	Not used.
72	SUB PD	-	Not used.
73	VDD	-	Power supply.
74	AM OSC	I	AM channel transmission input.
75	FM OSC	I	FM channel transmission input.
76	VSS	-	Connected to GND.
77	EO2	-	Not used.
78	EO1	O	Error out from change pump(for FM/AM).
79	TEST1	-	Not used.
80	XOUT	O	System clock oscillator output.

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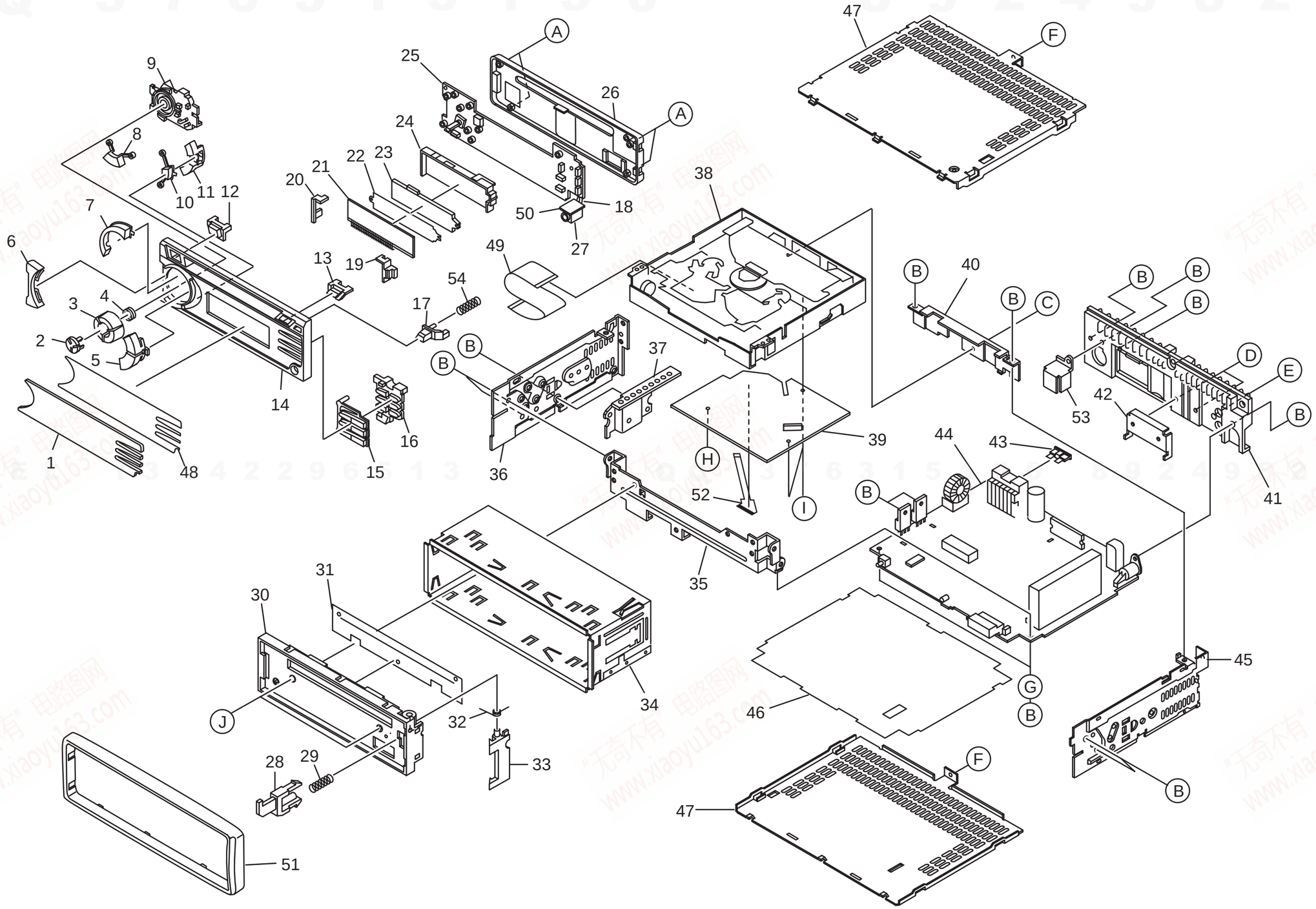
MECHANICAL EXPLODED VIEW -1/1



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MECHANICAL PARTS LIST -1/1

! = ⚠SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL	
						CDC-X527M YHSF	CDC-X527-M YUSF
		O	MC1001	8C-KCF-001-010	WINDOW,PANEL X527M	a	b
		O	MC1002	8C-KCG-022-010	LENS,RTRY	a	b
		O	MC1003	8C-KCG-021-010	KNOB,RTRY	a	b
		O	MC1004	8B-KCG-253-010	SPR-C,ROTARY -BC2	a	b
		O	MC1005	8C-KCG-012-210	BTN, OV IN	a	b
		O	MC1006	8C-KCG-018-010	BTN,SEESAW L	a	b
		O	MC1007	8C-KCG-011-010	CABI, OV	a	b
		O	MC1008	8C-KCG-015-010	BTN, OV B	a	b
		O	MC1009	8C-KCG-215-010	LENS, L	a	b
		O	MC1010	8C-KCG-014-010	BTN, OV R	a	b
		O	MC1011	8C-KCG-013-010	BTN, OV OUT	a	b
		O	MC1012	8C-KCG-019-010	BTN, SQ L	a	b
		O	MC1013	8C-KCG-020-010	BTN, SQ R	a	b
		O	MC1014	8C-KCG-001-310	CABI,FRONT 16	a	b
		O	MC1015	8C-KCF-006-010	BTN,P.SET RPT	a	b
		O	MC1016	8C-KCG-216-010	LENS, R	a	b
		O	MC1017	8C-KCG-023-010	BTN, DETACH	a	b
		O	MC1018	8A-KC7-611-010	F-CABLE,3P (AUX)	a	b
		O	MC1019	8C-KCG-214-010	HLDR,LCD R	a	b
		O	MC1020	8C-KCG-213-010	HLDR,LCD L	a	b
						CDC-X527M YHSF	CDC-X527M YUSF
		O	MC1021	8C-KCG-616-010	LCD,CKC-F-G-H	a	b
		X	MC1022	8C-KCG-231-010	SH,LCD COLOR 2	a	b
		O	MC1023	8C-KCG-211-010	LENS,LCD	a	b
		O	MC1024	8C-KCG-212-010	CASE,LCD LENS	a	b
		X	MC1025	8C-KCG-603-010	PWB,FRONT	a	b
		O	MC1026	8C-KCG-002-010	CABI,REAR 16	a	b
		O	MC1027	85-HRL-623-010	JACK,3.5 BLK ST BLK	a	b
		O	MC1028	8Z-KC2-203-210	LEVER,DFP HOOK -C2	a	b
		O	MC1029	8C-KCG-220-010	SPR-C,DETACH HOOK C	a	b
		O	MC1030	8C-KCG-035-010	CABI, BASE CKC	a	b
		O	MC1031	8A-KCF-230-010	COVER, DUST DFP LOWRAL	a	b
		O	MC1032	8Z-KC2-222-010	SPR-T,DETACH LOCK-C2	a	b
		O	MC1033	8C-KCG-205-010	LEVER,DFP LOCK	a	b
		O	MC1034	8Z-KC1-231-110	HLDR,HALF -C	a	b
		O	MC1035	8C-KCG-203-010	CHAS,FRONT G W/O TAP	a	b
		O	MC1036	8C-KCG-201-010	CHAS, SIDE L C	a	b
		O	MC1037	8A-KC7-230-210	HLDR,TR2 -AC	a	b
		X	MC1038	M8-BZG-391-040	BZG-3 BNF	a	b
		X	MC1039	A8-CZA-490-040	CZA-4 SNYNF	a	b
		O	MC1040	8B-KCG-247-010	HLDR,MECHA AS-BC	a	b
						CDC-X527M YHSF	CDC-X527M YUSF
		X	MC1041	8C-KCG-240-010	PANEL,HT-SINK U4C	a	b
		X	MC1042	8A-KC7-224-010	HLDR,P-IC -AC	a	b
	!	S	MC1043	8B-KC1-621-010	FUSE,15A 32V	a	b
		X	MC1044	8C-KCF-601-010	PWB,MAIN (CKC-15)	a	b
		O	MC1045	8C-KCG-202-010	CHAS, SIDE R C	a	b
		X	MC1046	8Z-KC1-234-210	SH,PWB	a	b
		O	MC1047	8Z-KC1-256-010	COVER, BOTTOM RDS	a	b
		X	MC1048	8C-KCG-221-010	SH, ADH WINDOW	a	b
		O	MC1049	8C-KCG-661-010	FF-CABLE,20P 1.0 90MM	a	b
		X	MC1050	8C-KCG-604-010	PWB,AUX	a	b
		O	MC1051	8C-KCG-036-010	CABI, TRIM 16	a	b
		O	MC1052	8B-ZG3-607-010	PWB,FLEX PIC 2	a	b
		X	MC1053	8C-KTF-212-010	HLDR,DIN NT	a	b
		O	MC1054	8Z-KC2-223-010	SPR-C,DETACH -C2	a	b
		O	MC1A	8Z-KC1-253-010	S-SCREW,PT 2*8 BH+ BLK	a	b
		O	MC1B	87-B10-384-010	UIT+2.6-6	a	b
		O	MC1C	87-081-501-010	VTT+2.6-4	a	b
		O	MC1D	87-251-097-410	U+3-12	a	b
		O	MC1E	87-B10-259-010	UT2+3.0-10.0 W/O SLOT (BH TAP)	a	b
		O	MC1F	87-B10-397-010	UTT2+2.6-4 W/O SLOT	a	b
						CDC-X527M YHSF	CDC-X527M YUSF
		O	MC1G	87-432-903-010	WTE,2.6	a	b
		O	MC1H	87-571-032-410	VIT+2-3	a	b
		O	MC1I	8B-ZG3-287-010	S-SCREW,TH1.7-4 0.5	a	b
		O	MC1J	87-B10-385-010	UIT+2.6-6 BLK	a	b

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COLOR NAME TABLE -1/1

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange	PT	Transparent Pink
LA	Aqua Blue	GL	Light Green	HT	Transparent Gray
HM	Metallic Gray	NH	Champagne Gold	M	Wood Pattern

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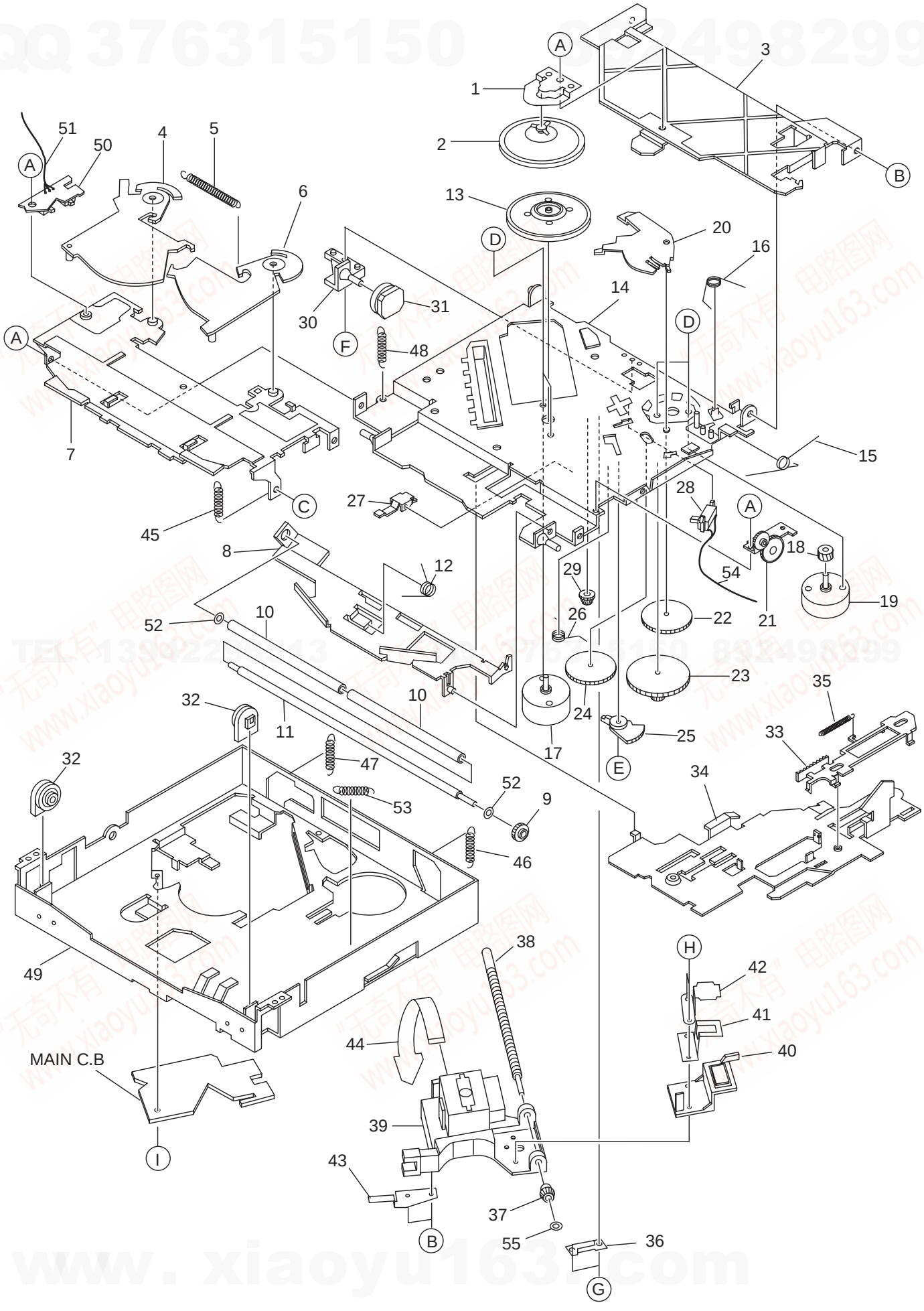
CD MECHANISM EXPLODED VIEW -1/1 (BZG-3 BNF)



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CD MECHANISM PARTS LIST -1/1 (BZG-3 BNF)

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
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UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
						BZG-3 BNF
			O	SC1001	8B-ZG3-261-110 SPR-P,CD HOLDER SUPORT	a
			O	SC1002	8B-ZG3-232-210 CLAMP,BZG-3	a
			O	SC1003	8B-ZG3-213-010 LEVER,CD HOLDER	a
			O	SC1004	8B-ZG3-215-210 LEVER,CD L	a
			O	SC1005	8B-ZG3-256-310 SPR-E,CD LEVER	a
			O	SC1006	8B-ZG3-214-010 LEVER,CD R	a
			O	SC1007	8B-ZG3-211-210 LEVER,CD UP HOLDER	a
			O	SC1008	8B-ZG3-212-110 LEVER,CD ROLLER	a
			O	SC1009	8B-ZG3-225-010 GEAR,ROLLER	a
			O	SC1010	8A-ZGA-261-010 ROLLER,RUBBER	a
			O	SC1011	8B-ZG3-241-110 SHAFT,ROLLER	a
			O	SC1012	8B-ZG3-252-010 SPR-T,ROLLER	a
			O	SC1013	8B-ZG3-231-010 TURN TABLE,BZG-3	a
			O	SC1014	8B-ZG3-201-210 CHAS ASSY,BZG-3	a
			X	SC1014a	8B-ZG3-284-010 SHAFT,FLOAT FRONT	a
			X	SC1014b	8B-ZG3-202-210 CHAS ASSY,OUT-SERT	a
			X	SC1014c	8B-ZG3-203-210 CHAS,MAIN	a
			X	SC1014d	8B-ZG3-285-010 SHAFT,GEAR DIR	a
			O	SC1015	8B-ZG3-250-010 SPR-T,CLAMP	a
			O	SC1016	8B-ZG3-253-010 SPR-T,CD SENSOR	a
						BZG-3 BNF
			O	SC1017	87-A92-091-010 MOT,M25E-4	a
			O	SC1018	8B-ZG3-220-010 GEAR,MOT	a
			O	SC1019	87-A92-092-010 MOT,M25E-10	a
			O	SC1020	8B-ZG3-209-110 LEVER ASSY,MODE CH	a
			X	SC1020a	8B-ZG3-210-110 LEVER,MODE CH	a
			X	SC1020b	8B-ZG3-283-010 SHAFT,GEAR 3 DIR	a
			O	SC1021	8B-ZG3-216-010 LEVER ASSY,GEAR HOLDER	a
			X	SC1021a	8B-ZG3-217-010 LEVER,GEAR HOLDER	a
			X	SC1021b	8B-ZG3-224-010 GEAR,SIDE	a
			X	SC1021c	8B-ZG3-226-010 GEAR,WORM ROLLER	a
			X	SC1021d	8B-ZG3-227-010 GEAR,WORM WHL ROLLER	a
			X	SC1021e	8B-ZG3-280-010 SHAFT,GEAR WORM ROLLER	a
			X	SC1021f	8B-ZG3-281-010 SHAFT,GEAR W WHL ROLLER	a
			X	SC1021g	8B-ZG3-282-010 SHAFT,GEAR SIDE	a
			O	SC1022	8B-ZG3-221-010 GEAR,CONNECT	a
			O	SC1023	8B-ZG3-223-010 GEAR,IDL DIR	a
			O	SC1024	8B-ZG3-222-010 GEAR,3 DIR	a
			O	SC1025	8B-ZG3-230-010 GEAR,CAM	a
			O	SC1026	8B-ZG3-251-210 SPR-T,CAM	a
			O	SC1027	8B-ZG3-207-010 LEVER,DIR DOWN	a
						BZG-3 BNF
			O	SC1028	87-A92-094-010 SW,PUSH 2-1 ESE11SF1XQ	a
			O	SC1029	8B-ZG3-229-010 GEAR,WHL SLD	a
			O	SC1030	8B-ZG3-218-010 HLDR,FLOAT REAR	a
			O	SC1031	8B-ZG3-246-010 OIL-DMPR,BZG-3 R	a
			O	SC1032	8B-ZG3-243-010 OIL-DMPR,BZG-3	a
			O	SC1033	8B-ZG3-206-110 LEVER,DIR UP	a
			O	SC1034	8B-ZG3-205-110 LEVER,DIR	a
			O	SC1035	8B-ZG3-255-010 SPR-E,DIR	a
			O	SC1036	8B-ZG3-260-010 SPR-P,LEAD STOP	a
			O	SC1037	8B-ZG3-228-010 GEAR,SLD	a
			O	SC1038	8B-ZG3-240-010 SHAFT,LEAD JVC	a
			O	SC1039	87-A92-093-010 PICKUP,OPTIMA720 JVC	a
			O	SC1040	8B-ZG3-242-210 HLDR,LEAD	a
			O	SC1041	8B-ZG3-263-010 SPR-P,LEAD	a
			O	SC1042	8B-ZG3-247-110 LEVER,LEAD	a
			O	SC1043	8B-ZG3-262-010 SPR-P,PIC UP	a
			O	SC1044	8B-ZG3-607-010 PWB,FLEX PIC 2	a
			O	SC1045	8B-ZG3-258-010 SPR-E,FLOAT FL	a
			O	SC1046	8B-ZG3-266-010 SPR-E,FLOAT RR	a
			O	SC1047	8B-ZG3-267-010 SPR-E,FLOAT RL	a
						BZG-3 BNF
			O	SC1048	8B-ZG3-257-010 SPR-E,FLOAT FR	a
			O	SC1049	8B-ZG3-290-710 CHAS ASSY,HLDR BNF	a
			O	SC1049a	8B-ZG3-204-510 CHAS,HOLDER	a
			X	SC1049b	8B-ZG3-291-210 SHAFT,SUPPORT A	a
			X	SC1049c	8B-ZG3-292-210 SHAFT,SUPPORT B	a
			X	SC1050	8B-ZG3-602-010 PWB,SUB 35M	a
			X	SC1051	8B-ZG3-605-010 WIRE,CD SENSOR 3P	a
			O	SC1052	8A-ZGA-265-010 SH, 4.5-2.1-0.25 W/O ADH	a
			O	SC1053	8B-ZG3-268-010 SPR-E,PULL FRONT	a
			X	SC1054	8B-ZG3-604-110 WIRE,LIMT 2P	a
			O	SC1055	87-B10-379-010 W-P,1.785-3-0.5	a
			O	SC1A	87-357-503-310 VT2+1.4-2	a
			O	SC1B	8B-ZG3-245-010 S-SCREW,CD HLDR	a
			O	SC1C	87-067-393-010 S-SCREW,+1.4-1.4	a
			O	SC1D	87-267-523-310 V+1.7-2	a
			O	SC1E	87-B10-361-010 W-P,1.43-3-0.25 SLIT	a
			O	SC1F	87-571-032-410 VIT+2-3	a
			O	SC1G	87-067-430-010 VT2+1.4-5 SWCH/CR BLK HL	a
			O	SC1H	87-351-527-310 VT2+1.7-3	a
			O	SC1I	88-ZG8-435-010 S-SCREW,VIT+2-4 PREC	a

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OTHERS PARTS LIST -1/2 (CDC-X527M) -1/1

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All components used on this model at the production line are shown in this service manual.
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UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL CDC-X527M YHSF	CDC-X527M YUSF
		X		8C-KCA-212-010	SH,3.2-2.4- 0.2 BLK	a	b
		X		8C-KCG-223-010	SH,5-10-0.07 BLK	a	b
		X		87-B40-154-010	LBL,BAR-CODE CU	a	b
		X		8Z-KC1-239-010	SH,SBX 1971 -F	a	b
		X		8C-ZA4-601-010	PWB,CD 2M (CZA-4)	a	b
		X		87-B40-087-010	BAG,PV 0.04-250-350 PL	a	b
		X		8Z-KC1-871-010	CUSHION,DFP-GUARD	a	b
		X		8C-KCF-851-010	CUSHION,LEFT AIS	a	b
		X		8C-KCF-852-010	CUSHION,RIGHT AIS	a	b
		X		87-B40-454-010	BAG,PP 0.04-230-350 PL	a	b
		X		8B-KCF-904-110	SH,CD-R/RW YU,YL,YH,Y (7L)-I	a	b
		X		8C-KCG-907-010	SH,DEMO (14L)F	a	b
		X		8C-KCG-906-010	SH,SCREW DFP (14L)F	a	b
		X		87-B40-178-010	BAG,PV 0.04-100-250	a	b
		X		87-B40-179-010	BAG,PV 0.04-50-100	a	b
		X		87-B40-242-010	BAG,PV 0.04-70-100	a	b
		X		8C-KCG-233-010	CUSHION,DFP-CASE	a	b
		X		87-B40-281-010	LBL,BAR-CODE A 35X8	a	.
		X		8Z-HC4-028-010	LBL,CLASS 1 & TRIANGLE-G	a	.
		X		8C-KCF-009-010	LBL,SPEC.YH X527M	a	.
		X		8C-KCF-858-010	CTN,OUTER 527M YHSF	a	.
		X		8C-KCF-857-010	CTN,PRINTED 527M YHSF	a	.
		X		8C-KCF-970-010	LBL,POP YU	a	.
		X		87-B40-282-010	LBL,BAR-CODE AU 35X8	.	b
		X		8Z-KC5-014-010	LBL,DHHS	.	b
		X		8C-KCF-008-010	LBL,SPEC.YU X527M	.	b
		X		8C-KCF-856-010	CTN,OUTER 527M YUSF	.	b
		X		8C-KCF-855-010	CTN,PRINTED 527M YUSF	.	b

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OTHERS PARTS LIST -2/2 (BZG-3 BNF) -1/1

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UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
						BZG-3 BNF
		X		8B-ZG3-248-110	SH,CLAMP	a
		X		8B-ZG3-270-010	SH,DUMP	a
		X		8B-ZG3-244-210	SH,LVR CD HLDR	a

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アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110-8710, JAPAN TEL:03 (3827) 3111

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